Sotheby's Nov 17/24 1924
WA/HMM/CM/Sal/20/630/1

SOTHEBY, WILKINSON & HODGE,
34 & 35, NEW BOND STREET, W. (1)

CATALOGUE

OF THE

WELL-KNOWN & REPRESENTATIVE COLLECTION

OF

PRE-HISTORIC ANTIQUITIES, ETC.

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, ESQ., M.R.I.A.

of Flixton Place, Ballymena

Days of Sale.

FIRST DAY	Monday,	17th November	Lots 1 to 226
SECOND DAY	Tuesday,	18th November	Lots 227 to 448
THIRD DAY	Wednesday,	19th November	Lots 449 to 667
FOURTH DAY	Thursday,	20th November	Lots 668 to 866

1924.

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Engravings, Etchings, Drawings and Pictures	1	0	0
Japanese Colour Prints and Works of Art	0	2	6
Persian Drawings and Works of Art	0	2	6
Works of Art (including Armour, China, Furniture, Glass, Jewellery, Miniatures, Silver, Textiles, etc.) ...	1	0	0
	£5	5	0

BUYER F. Webb

AUCTIONEERS Sotheby

Date 17th Nov 192

First Day.

Lot	Amount £	s.	d.	Lot	Amount £	s.	d.
67	2	.	.				
69		6	.				
70	1	.	.				
76	1	18	.				
77	2	6	.				
	£ 7	10	.				

Stv. Mu. 3

BUYER F. Webb

AUCTIONEERS Sotheby

Date 18th Nov 1924

Second Day.

Lot	Amount £	s.	d.	Lot	Amount £	s.	d.
				B/F	26	.	.
257	1	4	.	364	2	10	.
282	1	8	.	365	1	2	.
283	1	4	.	376	4	5	.
284	1	4	.	380		5	.
286	1	.	.	381	3	.	.
305	1	4	.	382	3	5	.
306		12	.	383	3	15	.
327	2	2	.	384	3	5	.
330		16	.	385	3	5	.
331	1	4	.	386	3	12	6
332		16	.	398	2	15	.
334		12	.	399	2	12	.
343	1	.	.	400	3	.	.
344	1	2	.	401	3	15	.
347	1	2	.	402	4	2	6
348	1	.	.	411	3	3	.
353	2	8	.	412	3	15	.
354	2	10	.	422	3	5	.
355	3	12	.	423	1	15	.
				424	2	2	.
				425	2	10	.
				433	3	5	.
C/F	26	.	.	C/F	90	4	.

BUYER F. Debt

AUCTIONEERS Sotheby

Date 18th & 19th Nov

Lot	Amount £	s.	d.
Second Day			
B/F.	90	4	·
436	2	15	·
437	2	18	·
438	2	18	·
2nd Day Total	£98	15	·
458	1	5	·
481	2	10	·
482	2	15	·
483	2	18	·
484	3	3	·
493	1	5	·
497	1	12	·
505	3	5	·
507	3	5	·
509	3	10	·
511	2	10	·
521	1	15	·
524	1	15	·
535	1	5	·
549	2	15	·
551		16	·
552	1	8	·
553	3	·	·
C/F.	40	12	·

Lot	Amount £	s.	d.
B/F.	40	12	·
559		10	·
560		9	·
561	1	·	·
562		5	·
563		12	·
581	3	·	·
582	3	15	·
584	1	15	·
588	5	5	·
589	3	15	·
*			
3rd Day Total	£60	18	·
* 621	6	·	·
Third Day	£66	18	·

Stv. Mu. 2

BUYER F. Webb

AUCTIONEERS Sotheby

Date 20th Nov 1924

Fourth Day.

Lot	Amount £	s.	d.
749	3	5	·
751	5	10	·
756	3	15	·
757	1	15	·
768	2	5	·
813	5	5	·
816	1	12	·
819	3	·	·
821	2	5	·
822	1	8	·
823	1	·	·
824	1	16	·
834	6	·	·
835	4	·	·
840	1	10	·
841	3	10	·
842	1	·	·
843	1	·	·
844	2	·	·
845	2	2	·
853	3	10	·
854	6	10	·
£	63	18	·

Lot	Amount £	s.	d.
First Day	7	10	·
Second Day	98	15	·
Third Day	66	18	·
Fourth Day	63	18	·
Total	£237	1	·

Stv. Mu. 2

CATALOGUE

OF THE

WELL-KNOWN COLLECTION

OF

Pre-historic Antiquities, etc.

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A.

of Flixton Place, Ballymena,

COMPRISING

MANY EXAMPLES FROM EARLY INHABITED SITES;

OBJECTS FROM THE EARLY FACTORY OF WEAPONS, IN BASALT, NEAR CUSHENDALL;

FINE SPECIMENS OF FLINT AXES, KNIVES, SPEARS, &C.;

BRONZE CAULDRONS, SWORDS, DECORATED SPEAR HEADS AND MOULDS;

POTTERY FOUND IN BARROWS OF THE BRONZE AGE;

CELTIC ANTIQUITIES, IN BRONZE AND IRON, INCLUDING RING BROOCHES, BELLS, AND BEADS IN GLASS AND AMBER;

ALSO

OBJECTS OF LATER PERIODS, INCLUDING RARE CHARMS FROM IRELAND, A FINE TIKI FROM NEW ZEALAND, &C.

WHICH WILL BE SOLD BY AUCTION

BY MESSRS.

SOTHEBY, WILKINSON & HODGE,

The Rt. Hon. SIR MONTAGUE BARLOW, Bt., K.B.E. G. D. HOBSON, M.V.O. F. W. WARRE, O.B.E., M.C.
C. G. DES GRAZ, B.A. MISS E. BARLOW.

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AT ONE O'CLOCK PRECISELY.

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I. The highest bidder to be the buyer; and if any dispute arise between bidders, the lot so disputed shall be immediately put up again, provided the auctioneer cannot decide the said dispute.

II. No person to advance less than 1*s.*; above five pounds 2*s.* 6*d.*, and so on in proportion.

III. In the case of lots upon which there is a reserve, the auctioneer shall have the right to bid on behalf of the seller.

IV. The purchasers to give in their names and places of abode, and to pay down 10*s.* in the pound, if required, in part payment of the purchase-money; in default of which the lot or lots purchased will be immediately put up again and re-sold.

V. The sale of any lot is not to be set aside on account of any error in the enumeration of the numbers stated, or errors of description.

VI. The lots to be taken away, at the buyer's expense, immediately after the conclusion of the sale; in default of which Messrs. SOTHEBY, WILKINSON & HODGE will not hold themselves responsible if lost, stolen, damaged, or otherwise destroyed, but they will be left at the sole risk of the purchaser. If, at the expiration of Two Days after the conclusion of the sale, the lots are not cleared or paid for, they will then be catalogued for immediate sale, and the expense, the same as if re-sold, will be added to the amount at which they were bought. Messrs. SOTHEBY, WILKINSON & HODGE will have the option of re-selling the lots uncleared, either by public or private sale, without any notice being given to the defaulter.

VII. Upon failure of complying with the above conditions, the money required and deposited in part of payment shall be forfeited, *and if any loss is sustained in the re-selling of such lots as are not cleared or paid for, all charges on such re-sale shall be made good by the defaulters at this sale.*

Gentlemen, who cannot attend this Sale, may have their Commissions faithfully executed by their humble Servants,

SOTHEBY, WILKINSON & HODGE,
34 & 35, *New Bond Street, London, W.* (1)

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PREFACE.

THE Collection of the veteran Irish Antiquary, Mr. W. J. Knowles, has been known to Archæologists for many years, and the results of his exploration of the famous inhabited sites of the Neolithic period in Ireland have been published in the Transactions of various learned Societies.

The disposal by auction of such an interesting range of pre-historic objects deserves more than passing notice, and it may also be specially remarked that the opportunity of acquiring figured types of stone and bronze implements does not often occur.

Attention should be called to the splendid series of flint implements, and to the weapons, moulds and pottery of the bronze age. Specimens of such pottery are very rare and difficult to obtain, for those that exist have mostly been retained in Ireland.

The Celtic items in the collection are noteworthy, including bells, fibulæ and pins, and there are also good representative series of implements from Egypt and countries other than Ireland, as well as objects of later periods, including savage weapons from New Zealand.

CATALOGUE

OF

THE WELL-KNOWN COLLECTION

OF

Pre-historic Antiquities, Etc.

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A.

of Flixton Place, Ballymena.

FIRST DAY'S SALE.

Monday, November 17th, 1924.

IMPLEMENTS OF THE NEOLITHIC PERIOD FOUND IN IRELAND

(most of the Objects have the Localities marked upon them).

IMPLEMENTS FOUND ON "WORKSHOP" SITES.

THE RIVER BANN.

LOT		
1	Thirteen good flint Knives; and nine unfinished Spear Heads, on two cards	24 20/-
2	Three unusually long Flakes; and eighteen others, with worked butts, on three cards	21 18/-
3	Twenty-nine Flakes, with worked butts, on two cards	~~29~~ 25 26/-
4	A hollow Scraper; a Knife; three Cores; two fine Scrapers; two Borers; three plain Flakes; and two trimmed Flakes (*all illustrated in the Journal of the Roy. Irish Academy, vol. XXX, plates* 12-14).	14 24/-

137/-

12/-

5	A fine Knife; two Scrapers; three Cores; five Borers; three plain Flakes; and a Knife with incurved cutting edge (*all illustrated in the same Journal as previous lot*)	
6	Eight flint Axes of "Kitchen Midden" type, *rare*	8
7	Eight hollow Scrapers; eight Borers; and four knives, *all good specimens*	20
8	A similar lot, *also good*	20
9	Another lot, *also good*	20
10	Six unusually good Scrapers, *found together at Port Glenone*; four Cores; six Knives; and four "Points," *a good lot*	20
11	Twenty tanged Knives; a Scraper; two Fabricators; twelve other Knives; and six pointed Implements	40
12	A similar lot	40
13	A similar lot	40
14	A similar lot	40
15	A similar lot	40
16	A similar lot	40
17	A similar lot	40
18	A similar lot	40
19	A similar lot	40
20	A simila lot	40
21	An unusually fine Borer or Pick; a large Flake, with worked sides; four Fabricators; two Cores; two Scrapers; ten tanged Knives; sixteen "Points"; a flint Adze; and a small Axe	40
22	A curious flint Chisel, with ground edge, *rare*; a smaller example; four roughly chipped Axes; a Pick; ten pointed Implements; and four others	21
23	A curious Core, with palæolithic patina, *found at Culbane*; twelve other Cores; three hollow Scrapers; ten Knives; twelve "Points"; and twelve typical Flakes	50
24	Twelve Cores; seven "Points"; six Knives; and twenty Flakes	45
25	A similar series	45
26	Another series	45
27	Thirteen Cores; six "Points"; six Knives; and twenty-five Flakes	50

28	Twenty Cores; six Knives; and fifty Flakes	76	22/- b.
29	One hundred typical Flakes	100	20/- b.
30	One hundred-and-thirty similar Flakes	130	26/- W.
31	One hundred others	100	26/- [illegible]
32	One hundred others, with secondary chipping, *an interesting lot*	100	26/- Lawrence
33	Eighty-one others, many with secondary chipping, *including one illustrated in Jour. R. I. A., vol. XXX, pl.* 12, *fig.* 11	81	23 - b
34	Thirty very fine Flakes; *found in the Bann at Coleraine*	30	2/4/- [illegible]
35	Eighty unusually fine Flakes, some with secondary chipping (*one illustrated*)	80	18/- Lawrence.
36	A coarsely chipped "Point" of Moustierian form; *found at Culbane, rare* (*Ill. in Jour. R. I. A., vol. XXX, pl.* 13, *fig.* 42)	1	3/-/- ?
37	Ten Axes of "tranchet" type; *found in the Bann, rare*	10	2/12/- [illegible]
38	Another series	10	24/- [illegible]
39	Another series	10	22/- W.
40	Another series	10	22/- W.
41	An Implement, with palæolithic patina; and nine "tranchet" Axes	10	26/- W.
42	A finely worked "Point" (*Ill. Jour. R. I. A., vol. XXX, pl.* 14, *fig.* 44); a finely chipped "tranchet" Axe (*Ill. R. S. A. I., vol. III, pl.* 144, *fig.* 6); another (*same Journal, fig.* 7); two Ovates; and six "tranchet" Axes	11	2/18/- ?
43	A series of polished Axes and other Implements, *some doubtful*	13	22/-
44	Twenty stone spindle Whorls	20	38/-
45	Twelve plain Hone Stones; and eight others, with perforations	20	40/- b.
46	A similar lot	20	4/2/6 Taylor.
47	Ten plain Hones, and ten perforated examples	20	2/18/- W.
48	Seven plain Hones; two perforated "tracked" Stones; six perforated Hones; a stone Pendant; a decorated Stone, with two perforations; and a grooved Whetstone	18	4/17/- [illegible]
49	Fifty Flakes, some with secondary chipping	50	26/- W.
50	A Handle for an implement, made from the root of a tree, of globular form, with conical socket for the insertion of a flint, 2 *in. long*; *found at Culbane, extremely rare, if not unique* (*Ill. Jour. R. I. A., vol. XXX, pl.* 13, *fig.* 24)		2/-/- ?

WHITE PARK BAY SITE.

51	A series of Cores, Scrapers, and other Implements	*about* 100
52	A similar series	*about* 100
53	A small Slab of Chalk, with two deep grooves on one face; and a series of side and end Scrapers	38
54	A series of Scrapers, including some hollow varieties; and several small Axes	*a lot*
55	Seven tanged Arrow Heads; two Scrapers; and a Flake (*several illustrated in Jour. R. I. A.*)	10
56	Sixteen Scrapers (*also illustrated*)	16
57	A tanged Implement (*illustrated*); a fine leaf-shaped Arrow Head; seventeen Knives; and twenty-five other Implements	44
58	Seventeen Knives; sixteen Arrow Heads, of varied types; and seven other Implements; *all found at Portstewart*	40
59	A series of notched Scrapers, and Knives; *White Park Bay*	38
60	Three well chipped Knives; fourteen Borers; and seven other Implements	24
61	Two polished Axes; fifteen Hammer Stones; two perforated Implements; a fine Knife; a Flake (*illustrated*); seven Cores; and twenty-six other Implements	54

PORTSTEWART SITE.

62	Fifty Scrapers; twenty Cores; and thirty Flakes	100
63	Two Axes of "Midden" type (*one Ill. Jour. R. I. A.*); ten Knives; five Pounders; and thirty-one other Implements, *some good*	48
64	Five "steep-ended" Scrapers; another, with palæolithic patina; and seven ordinary examples, *all good*	13
65	A series of Scrapers, of varied types	*about* 150

66	Twenty-five broken Arrow Heads; and a number of Cores and Scrapers; *found on Dundrum Sandhills*	57
67	An interesting series of roughly chipped Implements of basalt, many of scraper form; *found at Tievebullagh*	30
68	Fourteen Implements, of quartzite; *found at Maghera*	14

69 Sixteen small Pebbles, *found together at Portstewart*; nine Cores and twenty-six Flakes, *from Dundrum*; and fifteen others, *some from Portstewart* 66

70 A group of Scrapers and Flakes, *from the "black layer" at White Park Bay*; and six Flakes of light weight, *from Culbane* *a lot*

71 Three tanged Knives; a chisel-ended Arrow Head; a Scraper; a Hammer Stone of quartzite (*Illustrated R. I. A.*, 1901); and a number of other Implements; *found on the sandhills at Narin, Co. Donegal* *a lot*

FROM THE "AXE FACTORY" AT TIEVEBULLAGH, NEAR CUSHENDALL, CO. ANTRIM.

72 One hundred "Axes in the making"; and twenty spherical Hammer Stones, all of basalt 120

73 A similar series 120

74 A similar series 120

75 Another series 120

76 Another series 120

77 Another series 120

78 Another series 120

79 Another series 120

80 Another series 120

81 Another series 120

82 Another series 120

83 Another series 120

84 One hundred unfinished Axes 100

85 One hundred, similar 100

86 Another lot, similar 100

87 Another series 100

88 Another series 100

89 Another series 100

90 Another series 100

91 Another series 100

92 A number of broken Axes; others "in the making"; a few flakes; and some rather well-chipped examples of unfinished Axes, all in basalt 129

93 A series of Needles and other Bone Implements, *chiefly found at White Park Bay*; Bones of the Great Auk and the Gannet, *also from White Park Bay* 7/5/- Foster. *a lot*

94 Two perforated stag-horn Implements, *rare*; a piece of Horn with cuts on side, and a Flint found with it (which fits the cuts); two notched Bones; a Tusk; two parts of Horn Picks; Human Bones; and six decorated fragments of Bronze Age Pottery; *all found at White Park Bay* 7/10/-W. *a lot*

35/- 95 Several worked Bones and fragments of Stag's Horn; decorated fragments of Pottery, *from Portstewart*; Pottery Fragments, *from Dundrum*; and a small box of Teeth and Shells, *from Narin* 8/10/- W. *a lot*

30/- 96 A lump of Red Ochre, *found at Culbane*; a Celtic Bronze Pin, with decorated head, *Portstewart*; specimens of Mud, *from Lisnacroghera Crannog*; Red Paint, *found at Portstewart*; three early Palettes; four lumps of Ochre; and a perforated Stone Pendant, *all from White Park Bay, an interesting lot* 3/5/- W. *a lot*

---

97 Sixty Flint Objects, considered by Mr. Knowles to be Eoliths, showing various stages of chipping (one having marks of glaciation on its flaked surface), *from Larne and other localities* 60 8/5/- Taylor

98 Sixty other similar Objects, *same localities* 60 26/- b.

99 Fourteen pick-shaped Implements: thirteen Flakes and five Cores, with palæolithic patina, *from Larne, etc.* 29 23/- W.

100 A similar lot 29 30/- b.

ARROW HEADS & OTHER IMPLEMENTS OF FLINT,

FOUND IN COUNTIES DOWN AND ANTRIM.

25/- 101 Sixteen very fine barbed Arrow Heads; and five others, with indented bases, on three cards 21 4/- Kirk.

75/- 102 Forty-eight barbed and stemmed Arrow Heads; and forty-one others, in black basalt? of varied types, *found at Ballinaloot, rare*, on six cards 89 Taylor.

50/- 103 Nine kite-shaped Arrow Heads; nine good examples of large barbed Arrow Heads; twelve stemmed specimens; eighteen indented examples; and nine others, on six cards 57 19/- W.

104 Thirteen fine large barbed Arrow Heads; and forty-seven others, of varied types, on five cards 60 5/11 W.

105 Ninety-two Arrow Heads, of varied types, on six cards, *some good* 92

106 Ninety-five others, of varied types, on five cards, *some fine* 95

107 Eighty-eight others, similar, on five cards, *some very fine* 88

108 Fifty-seven others, of varied types, on five cards, *some good* 57

109 Sixty-three others, some with polished faces, on five cards, *a very good lot* 63

110 Seventy-three others, some rare forms included, on six cards 73

111 Seventy-six others, varied, on five cards, *some very fine* 76

112 Fifty-three others, of varied types, some fine examples included, on five cards 53

113 Seven leaf-shaped Spear Heads, of early form; and fifty-eight others, varied, on five cards, *some fine* 65

114 A fine Lance Head, 5 *in. long*, with both faces ground; five others; and fifty-eight specimens, of varied form, on five cards 64

115 An extremely interesting leaf-shaped Arrow Head, showing the scars of the shaft; a barbed specimen, mounted in a piece of an American bone shaft; a fine serrated Arrow Head; and fifty-nine others, on five cards, many fine specimens included 62

116 Sixty-one varied examples of Arrow Heads, on five cards, *some fine* 61

117 Nine unusually fine lozenge-shaped Lance Heads, some of early form; and fifty-six others, of varied types, on five cards 65

118 Sixty-nine selected examples of Arrow and Lance Heads, some extremely fine lozenge and other forms included, on five cards 69

119 Nine good lozenge-shaped Lance Heads, some partly ground; and sixty-nine others, of varied types, on five cards 78

120 An extremely fine leaf-shaped Lance Head (*used in curing cows*); and eight others, *all fine*, on one card 9

*** The "elf dart," or arrow, was popularly credited in Ireland with having the power to cure sick cattle. (*See Evans' Ancient Stone Implements, second edition, p.* 365).

121 A lozenge-shaped Lance Head, in dark flint, having a light-coloured scar in the centre of the blade, 3¼ *in. long, found in Craig Bog* (*see Jour. Soc. Ant. of Scotland, vol. XLIII, fig.* 3, *p.* 280);

LOT 121—*continued.*

another of more slender form, with a similar scar (*also illustrated*); and two others, with scars; *all found in Co. Antrim*, on one card 4

*** The interesting missiles showing the scar of the original arrow shaft, are *of the highest rarity.*

50/- 122 Portion of the wooden Shaft of an arrow head, with the original binding of sinew, *found in Kanes Town Bog, also of the highest rarity* (*see Jour. Anth. Inst., vol. XXXIII, p.* 55) 8/-/- Thomas

50/- 123 A leaf-shaped Lance Head, showing scars of the shaft, 3 *in. long, found at Curncarney, near Kells*; and another of broad lozenge form, with similar scar, *also of great rarity* 2 10/-/- Lawson

124 Two others of javelin head type; and two smaller specimens, all showing similar scars; *Co. Antrim* 4 6/15/-

125 A coarsely chipped lozenge-shaped Flint used for curing cattle; *from Craigbally* (*see previous note*); and two small Arrow Heads 3 6/15/- W

126 Twenty-five selected Arrow Heads of varied types, *all very fine* 25

127 A similar lot 25 4/-/- Lawson

127A A similar lot 25 5/5/4 Carter

30/- 128 A similar lot 25 6/10/0 ?

30/- 129 A similar lot 25 8/10/- [illegible]

30/- 130 A similar lot 25 6/[illegible]

30/- 131 A similar lot 25 4/15/- [illegible]

30/- 132 A similar lot 25 4/10/- Fenton

20/- 133 A similar lot 25 4/5/- Thos Low

134 An unusually fine kite-shaped Lance Head, with extremely delicate chipping, and remains of polishing on the two faces, 6 *in. long*; *found in peat between Bellaghy and Castle Dawson* [Pl. I] 1 25/-/-

135 Another, with strong angular projections towards the base, chipped only (*repaired*), 5¼ *in. long, found at Glenleslie* [Pl. I]; and a finely chipped lozenge-shaped Lance Head, 4 *in. long, found at Ballyvady* 2 10/-/-

136 Another, in grey flint, most delicately flaked, with polish on both faces, 5⅞ *in. long*; *found at Tyhorney* [Pl. I] 25/-/-

*** Both Nos. 134 and 136 are illustrated in *Jour. Anth. Inst., vol. XXXIII, pl.* XI.

137	A finely chipped Knife, $3\frac{3}{4}$ *in.*; three "Points à cran" of Solutré type; nine Arrow Heads; two other Knives; four other Implements, *found at Portstewart and Grangemore*; a leaf-shaped Lance Head; and a leaf-shaped Blade, $3\frac{5}{8}$ *in. long, found at Watercloney, both fine*	21	2/10/- [illegible]
138	An interesting series of seventy leaf-shaped Arrow Heads; *Co. Antrim*	70	2/1/- [illegible]
139	A similar series	69	[illegible]
337 140	Another series	70	3/15/- [illegible]
141	A similar lot	70	4/-/- [illegible]
142	A similar series	70	4/-/- [illegible]
143	A similar lot	70	3/-/- Lawrence
144	A similar lot, *some fine*	70	3/15/- [illegible]
145	A similar lot, *some fine*	70	3/10/- Keeli
146	Another series, chiefly of the barbed and indented types, *some fine*	70	4/10/- W.
147	Another series, similar	70	6/-/- Elain.
148	Another lot, similar	70	4/5/- Naylor.
149	Another lot, similar	70	[illegible]
30/- 150	Another lot, similar	70	3/15/- ?
151	Another lot, similar	70	4/1/- [illegible]
152	Another lot, similar	70	4/1/- W.
153	Another series of selected varied types	70	3/15/- Fenton
154	A similar series	70	4/5/-
155	A similar series, *very good*	70	4/-/- Lawrence
156	A similar lot, including a tiny example, *all good*	70	3/15/- [illegible]
157	A similar lot, *all good*	70	3/5/-
158	Another good lot, including several serrated examples	70	3/-/-
159	Another series of varied types	70	3/-/- Fenton
160	Another series, similar, *some good*	70	3/5/- Naylor
161	Another series, several serrated	70	3/10/- Fenton
162	Another series, *some very fine*	70	4/10/- Fenton
163	Another series	70	3/-/- Naylor
164	Another series, *some fine*	70	3/-/- Fenton

165 Another series, *some fine* 70

166 Another series, *many fine*, including a fine lozenge-shaped Arrow Head 70

167 A similar series, *some very fine* 70

168 Another lot, chiefly of leaf form, *some very fine* 70

169 Another series, *some very fine* 70

170 Another series, including many barbed varieties 70

171 An interesting series, including a lozenge-shaped Lance Head of unusual size, and some rarer varieties of Arrow Heads 70

172 Another lot, including many fine barbed specimens 70

173 Another lot, some fine Lance Heads included 70

174 Another series, including many varieties 70

175 Another lot, varied types, *some very fine* 70

176 Eighty-seven leaf-shaped Arrow Heads of varied types 87

177 Another lot, similar 87

178 An interesting series of leaf-shaped, indented and partly finished Arrow Heads; *Co. Antrim* 114

179 Another series of Arrow Heads of varied forms, some of rich red colour, others made of basalt (?), many of them beautifully chipped; *all with Antrim localities* 70

180 Another series of varied forms; *found at Culbane* 50

181 A lot of fifty-three Knives, Spears and Arrow Heads, some in process of manufacture 53

182 Another series of Spear Heads, showing various stages of manufacture 66

183 A large series of Spear and Arrow Heads, tanged and barbed, and leaf-shaped; *found in the Bann* 115

184 A very fine leaf-shaped Lance Head, $4\frac{1}{2}$ *in. long*; another of lozenge form, $3\frac{3}{4}$ *in. long*; a Knife, with grinding on one face; and eight others; *all from Antrim, a good lot* 11

185 Another lot, similar 20

186 A similar lot 27

187 A similar lot, some fine examples included 21

188 Another lot, similar 37

189	A Spear Head, of elongated kite form, well chipped, of unusually large size, $7\frac{1}{2}$ *in.*; *found at Carndoo* (*Ill. Jour. Anth. Inst.*, *vol. XXXIII*, *pl.* VIII) [Pl. I]	1	[illegible]
190	Implement, of broad leaf form, well chipped, $6\frac{7}{8}$ *in. long*; *found at Brougham* (perhaps an unfinished axe), *interesting*	1	6/10/-
191	Twenty very fine chipped Knives, of varied form	20	3/-/- Elder
192	A similar lot	20	3/18/-
193	Another lot, *very fine*	30	3/10/- Lawrence
194	A selection of leaf-shaped Knives; tanged examples; and Borers, *all good*	40	3/5/- Elder
195	A similar lot	40	2/10/- Keeler.
196	A similar lot	40	2/5/- Keeler.
197	A similar lot	40	3/5/- Keeler.
337 198	A similar lot	40	42/- W.
199	A similar lot	40	38/- Lawrence
200	A similar lot	40	31/- [illegible]
201	A similar lot	40	30/-
202	Fifteen unusually fine leaf-shaped Knives; and six unfinished Knives or Spear Heads, on two cards	21	3/15/- W.
203	Fifteen tanged Knives; and ten unusually fine leaf-shaped Knives, on two cards	24	4/[illegible] W.
204	Another series, varied, on four cards	36	3[illegible]
205	A fine serrated leaf-shaped Knife; twenty-one others; and twelve tanged Knives, on three cards	34	2/10/- W.
206	Another series, assorted	50	2/5/- Mayo
207	A similar lot	50	3[illegible]
208	Twenty selected examples of Knives	20	[illegible]
209	A similar lot	20	40/- "
210	A similar lot	20	33/- Keeler.
211	A similar lot	20	31/-/- W.
212	A similar lot	20	30/- Lawrence
213	Seventeen fine Knives; three very fine tanged examples; and seven very fine Borers	27	2/[illegible] W.

214 A Knife, of chipped flint, with rounded sides and square end, of unusually fine workmanship, $3\frac{7}{8}$ *in. by* $3\frac{1}{4}$ *in.*; *found in Carrick Bog, extremely rare* [Pl. I] 1

215 Another, of similar form, with ground surface, $3\frac{3}{8}$ *in. by* $3\frac{1}{8}$ *in.*, ~~*Glenish*~~; and part of another, *also rare* 2

216 Another, similar, of good form, partly polished, with one side straight, $2\frac{3}{4}$ *in.*; and another, smaller; *both from Glenleslie* 2

217 Another, with semi-circular cutting edge and well ground surface, $2\frac{1}{2}$ *in. by* $2\frac{1}{2}$ *in.*, *from Glarryford*; and another, equally fine, *from Glenbush* [Pl. I] 2

218 Three ground Knives, of unusual type, *from Culbane and Portglenone, also rare* 3

219 Four others, in good condition, *Portglenone and Kilrea, also rare* 4

220 Another, of discoidal form, well chipped, $2\frac{1}{2}$ *in. diam.*, *Rathkenny*; and four others 5

221 A leaf-shaped Lance or Knife; six Knives, some ground; and a large Scraper 8

222 Forty leaf-shaped Knives, many good specimens included 40

223 A similar lot 40

224 A similar lot 40

225 Forty others, similar 40

226 A similar lot 40

SECOND DAY'S SALE.

Tuesday, November 18th, 1924.

LOT			
227	Twenty very fine leaf-shaped Knives	20	24/- Lawrence
228	Twenty similar	20	20/- Law
229	Another lot of Knives, *also fine*	26	18/-
230	A large series of Scrapers; *from the Sandhills at Dundrum*	*about* 350	30/- Keeler.
231	Thirty good Scrapers, *Culbane*; and over one hundred others, *found at Dundrum*	*about* 130	28/-
232	A hoard of fine Scrapers, of varied types; *found in Carriff Bog*	70	5/-
233	Another hoard; *from Tullynahinion*	60	3/5/- Hanway
234	A similar find; *from Carriff Bog*	40	4/-
235	A large number of Scrapers; *found at Glenleslie and other localities*	*a lot*	3/5/- W.
236	A similar series	*a lot*	2/-
237	Forty selected Scrapers, *all fine*	40	30/-
238	Another series, *equally good*	40	2/-
239	Thirteen hollow Scrapers; a Knife; three others, *found at Three Towns Braid*; sixteen hollow Scrapers, *found under a stone at Glenhead*; and eight Implements, *from Maghery, an interesting lot*, in three boxes	41	5/-
240	Sixty-five hollow Scrapers, with semi-circular notch in the blade (some serrated), probably used for smoothing arrow shafts and bone pins	65	40/-
30/- 241	About 260 small Scrapers; *all found in Ireland*		2/10/-
40/- 242	A hoard of 138 Scrapers; *found together at foot of a peat bank at Glenhead*, 1911	138	6/10/-
50/- 243	A series of Scrapers, some circular, others hollow, some of button form, and others; *Cullybackey, and other localities*, on ten cards	131	5/10

244	Five fine ochreous Scrapers, *found together near Connor*; and five others, *found at Dunboy*	10	
245	A hoard of seventeen fine Scrapers; *found together in a hole in a bog at Beggarstown*	17	
246	An interesting series of hollow Scrapers, some serrated	50	
247	A similar lot	50	
248	Another lot, *equally good*	50	
249	Another lot	50	
250	A similar series	50	
251	Another lot, similar	50	
251A	~~Another lot, similar~~	~~50~~	
252	Another series	50	
253	Fifty others	50	
254	Fifty others	50	
255	Fifty others	50	
256	Fifty others	50	
257	Fifty others	50	
258	Fifty others	50	
259	Fifty others	50	
260	Fifty others	50	
261	Fifty others	50	
262	Fifty others	50	
263	Fifty others; two other Scrapers; a Knife; and two Flakes	55	
264	Fifty-two tanged Knives of flint	52	
265	Thirteen barbed Arrow Heads; and thirty-seven others, of varied types, *all good examples*	50	
266	A similar varied series	50	
267	Another lot, similar	50	
268	A similar series	50	
269	A smaller series	36	
270	Another series, including many barbed varieties	40	
271	Thirty tanged Knives, *some good*	30	

272 Sixteen leaf-shaped Arrow Heads; an indented variety; two Borers; a Knife; and a dumbbell-shaped stone object; *all found at Culbane* 20

273 Thirty good Flakes, many of them used as saws, *all with localities* 30

274 A similar series 30

275 A fine leaf-shaped Knife with serrated edge; a combined Saw and Scraper; and twenty-two good Flakes, some used as saws 24

276 Twenty-six Knives and other Implements, *found in the River Bann, several very fine*; and three chipped Axes, *Glenleslie and Cushendall* 29

277 A finely formed stone Disc with sharp edges; and seventeen others, similar, with flattened sides, *many from Ballymena, an interesting lot* 18

277A Twenty slug-shaped Knives; and twenty-five tanged Knives 45

278 Twenty-two slug-shaped Knives; and twenty-eight tanged Knives 50

279 Another lot, similar 50

280 A similar lot 50

281 A similar lot 50

282 Fifty tanged Knives of flint 50

283 A similar lot 50

284 Another lot, similar 50

285 A similar lot 50

286 A similar lot 50

287 A similar lot 50

288 Twenty-one small flint Borers; *Culbane* 21

289 Thirty-three pigmy Implements; *Culbane, rare* 33

290 Twenty Borers and Pigmies; *Culbane and other localities* 20

291 Thirty-four Pigmies of varied types; *Culbane* 34

292 Nine Pigmies (*all figured in the Journal of the R. I. A., vol. XXX, pl.* 13)

293 Nine fine tanged flint Flakes or Spear Heads; *from Cos. Antrim and Derry*, on card 9

294 Eleven fine Knives; and sixteen good Borers, *from the same localities*; on two cards 27

295 Sixteen triangular Knives; and Fifteen very fine Borers; *Cos. Antrim and Derry*; on two cards 31

296 Twenty good tanged Knives; and thirteen tanged Flakes and Knives; *from the same localities* 33

297 Two unusually good oval Knives; two Implements of unusual form; small polished Axe, *from Craigs*; and three small polished Axes, *found together in the Bann* 8

298 Four unusually fine Saws, *rare*; four worked Flakes; and nine unfinished Spear Heads; on two cards 17

299 Twelve unusually fine Scrapers; and a fine leaf-shaped Knife; *found in Co. Antrim*; on card 13

300 A large series of Flint Scrapers; *from various Irish localities* *about* 300

301 A similar series *about* 300

302 Another series *about* 300

303 A similar series *about* 300

304 A similar series *about* 200

305 A number of Cores of varied types; *found at Culbane* 75

306 An interesting series of small Flakes, *same locality* *about* 210

307 A large series of Flakes, including a number with secondary chipping; *found at Clough and other localities* *about* 250

308 Six Flakes, *found in a fort at Kells*; and five good Saws, *from various localities, rare* 11

309 A Saw, *found at Kanestown* (*Ill. Jour. R. I. A.*); and fourteen others 15

310 Eleven Saws, *some doubtful* 11

311 A similar lot 11

312 A series of chipped Axes, Scrapers and other Implements; *found at Tievebullagh* 37

313 A series of about two-hundred-and-twenty small Flakes; *found at Culbane* 220

314 Another series of 100 larger Flakes, some with secondary chipping at the point, *Culbane* 100

315 Twenty-eight triangular Flakes, *found together at Mosside*; and six other Flakes, *unusually good* 34

316	Forty-seven Arrow Heads; a Knife; and three Flakes; *some of daubtful antiquity*	51	16/-
317	Fifty flint Knives; *from various localities*	50	14/-
318	Fifty others	50	14/- Lawrence.
319	A similar series	50	20/- Elcker.
320	A similar lot	50	14/-
321	Sixty-three others	63	18/- Lawrence
257 322	Two-hundred flint Scrapers of varied types	200	2/6/- Lawrence.
157 323	A similar lot	200	30/- [illegible]
25/- 324	Another lot, similar	200	22/- [illegible]
20/- 325	A similar lot	200	30/- [illegible]
30/- 326	A similar lot	200	4?/- W.
12/- 327	Forty Cores; and nineteen worked flint Flakes, *some good*	59	
267 328	Thirty-five Flint and other Implements, some of cave forms (*including a few from Somaliland for comparison*), on four cards; *an interesting lot*	35	2/- [illegible]
329	Twenty well chipped flint Implements, suggesting the Moustier point, *various localities*	20	18/ Lawrence
16/- 257 330	A similar lot	20	
24/- 257 331	A similar lot	20	
30/ 332	A similar lot	20	
16/- 30/ 333	Five fine Points; and eighty-nine Scrapers of varied types	94	2/?/- W
12/- 40/ 334	Five tiny Borers; thirteen pigmy Implements; and thirty-nine tiny Flakes; *from Castlerock and Portstewart, Co. Donegal*	57	~~2/3/- W.~~
30/ 335	Three tiny Borers, *Castlerock*; four tiny Scrapers, *Bundoran*; four others, *Dundrum*; and a number of tiny Flakes, *various localities*	*a lot*	10/- ?
336	Seventy flint Scrapers, of selected types	70	24/- [illegible]
337	A similar lot	70	20/-
338	A similar lot	70	2[illegible]/- [illegible]
339	A similar lot	70	18/- [illegible]
340	Sixty-five others, many of them with deep notches in the outline; *from White Park Bay and other localities*	65	24/- [illegible]

341 A series of fifty fine Scrapers, including two of unusual size 50

342 Another series, *some fine* 100

343 A similar series 100

344 Another series 100

345 Another series 100

346 Another series 100

347 A similar series 110

348 A similar series 110

STONE AXES AND HAMMERS.

FOUND IN COUNTIES ANTRIM AND DERRY.

349 A well polished Axe, of diorite, $6\frac{1}{8}$ *in.*, *Culbane*; another, in basalt, highly polished, 6 *in.*, *Bushmills*; and five others; *a good lot* 7

350 A well formed Axe, of rounded section and slightly flattened sides, $6\frac{1}{4}$ *in.*, *Antrim*; another, of broad form, with expanding edge, $6\frac{1}{4}$ *in.*, *Coleraine*, *very fine*; and four others 7

351 A large Axe, $9\frac{1}{2}$ *in.*, *Bann*; another, $6\frac{7}{8}$ *in.*, *Kanestown*; and seven others 9

352 A good Axe, of broad form, of diorite, $6\frac{1}{4}$ *in.*, *Cushendall*; an adze, of basalt, *rare*; an Axe, of light stone, with flattened sides, $6\frac{3}{4}$ *in.*; and six others 9

353 A small Axe, *found near Cullybackey on a grinding-stone*; another, suggesting the early form of bronze axe, $3\frac{3}{4}$ *in.*; and seven others 9

354 A finely ground polished Axe, of basalt, with narrow cutting edge, 8 *in.*, *found near Kilrea*; another, in basalt, of good broad type, $7\frac{1}{4}$ *in.*, *Braid*; and seven others 9

355 A well formed polished Axe, of diorite, $5\frac{1}{2}$ *in.*, *Forks Bridge*; three others, of fine quality; and five others, of varied types 9

356 An Axe, in basalt, with flattened sides, 5 *in.*, *Portglenone*; another, of almond form, *Glarryford*, *rare*; and ten others 12

357 A small Implement, with gouge-like edge, *rare*; another, of oval outline, *Ballycarry*; and ten others 12

358 A basalt Axe, of good form, $6\frac{1}{2}$ *in.*, *Lavin Bog*; a very fine example, with oval section, $7\frac{3}{4}$ *in.*, *Watercloney*; and five others, *all good* 7

359 Another, in basalt, with oblique cutting edge, $6\frac{1}{4}$ *in.*, *Carncastle*; a narrow example in light stone with pointed butt, $7\frac{1}{2}$ *in.*, *Ballymoney*; and five others; *all good* 7

360 Twenty-one polished stone Axes, *from various localities, some good* 21

361 A similar lot 21

362 A well formed Axe, in brown stone, 4 *in.*, *found on the shore of the Bann*; another, in basalt, well polished, $4\frac{7}{8}$ *in.*, *Rathlin*; and ten other Axes, of small size; *all good examples* 12

363 Twenty-one Axes, of varied types 21

364 A similar lot 22

365 Seventeen others, *some good* 17

366 A very fine polished Axe, of basalt, with broad cutting edge, $7\frac{5}{8}$ *in.*, *found at Six Towns, Co. Tyrone*; five others, of similar type; and an Adze, with pointed butt, *found in the Bann near Portglenone*; *all unusual forms, very fine* 7

367 Another, in basalt, with broad cutting edge, $5\frac{1}{2}$ *in.*, *fine*; an example in hone-stone (?), with flattened sides, $4\frac{1}{2}$ *in. long*, *Kilkenny*; and five others; *all good specimens* 7

368 A large Adze, in basalt, partly polished, $10\frac{1}{4}$ *in.*, *from the Buick coll.*; an Axe, in diorite with roughened butt, *Glarryford*, *rare*; a curious Axe, of oval form; and four others of good size, *a fine lot, and all marked with localities* 7

369 A finely polished basalt Axe, of narrow type, $7\frac{1}{2}$ *in.*, *Carnstrone*; another, in light stone, with flat sides and pointed butt, 7 *in. long*, *Kilrea*; another, of broader form, 8 *in.*, *Dungiven*; a re-chipped basalt Axe; and three others; *a good lot* 8

370 An unusually fine Axe, in black stone, of oval section and somewhat pointed butt, 11 *in. long*, *found at Baltee*; and an unusually heavy and thick Axe, of diorite with ovoid outline, $10\frac{1}{2}$ *in. long*, *found near Cushendall* 2

371 A finely polished Adze-like Implement with flat sides, $7\frac{1}{2}$ *in. long*, *found near Kilrea*; another, with unusually broad cutting edge and incurved sides (probably of the early bronze age), 7 *in. long*, *found near Randalstown*; and two others 4

372 A finely formed basalt Axe, with unusually high polish, 8 *in. long*; another, of good form, 8 *in. long*, *found at Magharabane*; and two others, smaller; *all good* 4

373 An unusually large and fine Axe, of polished basalt, with broad cutting edge, the sides tapering towards the butt, and of oval section; *found near Coleraine* (*see Ulster Journal of Archæology, vol. IX, page* 7, 1903) [Pl. II] 1

374 An interesting Adze, in basalt, chipped into form and curiously "humped" towards the centre of one face, and tapering gradually to either end, 14½ *in. long; found at Clougheen* (*see same publication*, 1906, *plate* 32, *figs.* 3 *and* 3A) [Pl. II] 1

375 Another, in brown stone, with broad cutting edge and slightly tapering sides, one face more curved than the other, 12½ *in. long*; *found at Ballycarry, fine and rare* [Pl. II] 1

376 Another, with narrow butt and rounded cutting edge, 9¼ *in. long, found at Armoy*; another, 8⅝ *in., found at the foot of Slievegalleon*; another, *from Glenwherry*; and another, 8½ *in. long*; *all good specimens* 4

377 A roughly chipped Axe, of basalt, with sharp sides, 13 *in.*; *found at Armoy* (*see Ulster Journal of Archæology*, 1903, *vol. IX, page* 7) [Pl. II] 1

378 A well formed Axe, of basalt (?), with rounded sides and pointed butt, 12 *in. long, found at Culbane* 1

379 An Axe, of curved form, in light stone, 14 *in. long, with interesting label*; and six other large examples, *some of doubtful antiquity* 7

380 Twelve others, *some of doubtful antiquity* 12

381 A selected series of twenty polished Axes, *all good examples* 20

382 A similar series 20

383 Another selected series 20

384 A similar lot 20

385 A series of twelve Axes; and four Adzes 16

386 A selected series of twenty Axes 20

387 Another series 20

388 A similar lot 20

389 A similar lot 20

390 An Adze, of chipped basalt; a Gouge; four Axes, with pointed butts; and three others; *all good* 10

391 Another series of twenty Axes 20

392 Another series, including several of narrow form 20

393 Another good series, of varied form 20

394 A similar series 20

395 Two Adzes, in polished basalt; a curious "Side Scraper," in same material; a well-formed Axe, in light stone, with flattened sides; another, with oblique cutting edge; a Gouge, in basalt, *rare*; and four other Axes, *all good* 10

396 An unusually broad Axe, in basalt, $8\frac{1}{4}$ *in. long, found near Coleraine*; two others, of large size; another, with oblique edge; and two others, smaller 6

397 An unusually flat Axe, $5\frac{1}{8}$ *in. long, from Lough Mourne*; an Adze, with chipped sides, and ground edge and under face, *from Portglenone*; an unusually narrow Axe, of circular section, $5\frac{1}{2}$ *in. long, Glenisla*; a curious Axe, of oval outline, with sharp sides; a well-finished Adze, *Clough*; and four others 9

398 A Chisel, in basalt, $3\frac{1}{2}$ *in. long*; an Axe, in light stone, with notches at the side, $6\frac{1}{4}$ *in. long, rare*; a curious basalt Axe, chipped on one face and ground on the other; and nine others, *all good* 12

399 A well-shaped Adze, in basalt, with pointed butt, $5\frac{1}{2}$ *in. long*; two Gouges, *rare*; and nine Axes, of varied type, *all good* 12

400 Four narrow Axes or Chisels; three Adzes; and seven Axes, *a very good lot* 14

401 Four Adzes; and nine Axes, *all good* 13

402 An Adze, of narrow form, in grey stone, *Portglenone*; two other unusually good Adzes; two Chisels; and eight Axes, *a very good lot* 13

403 Five Adzes; a good Chisel; and seven Axes, *also very good* 13

404 Forty Axes, in various materials, *some of doubtful antiquity* 40

405 Twenty-one small Axes, *some doubtful* 21

406 A curious broad Axe, with chipped butt; a Burnisher, *found at Glenish*; and twelve Axes, *a good lot* 14

407 Twenty Axes, of good type, *from various localities* 20

408 Twenty-four stone Axes, of curiously light weight (perhaps models); *found in the Bann* 24

409 A series of twenty Axes, of varied types 20

410 A similar lot 20

411 An Adze, with pointed butt; a chipped Axe, with similar butt; and ten Axes, various 12

412 A small Adze, with curved cutting edge; three others, larger, of good form; and twelve Axes, *also good* 16

413 A large series of polished Axes, some interesting examples included 60

414 Three Axes, with grooves ("tracks") on the face; a curious Knife-like Object, polished on one face; a good Adze; half a well-chipped Axe, of basalt; and four others, *all of interest* 10

415 A well-formed Axe, with roughened butt; a roughly-chipped Axe, in basalt; two Adzes; and eight Axes, *a good lot* 12

416 A Box, containing a large quantity of stone Axes, some in process of manufacture, and some of doubtful antiquity, *an interesting lot* 50

417 Twenty-five polished Axes, of various types and materials, many good specimens included 25

418 A similar lot 25

419 Another series 25

420 A similar lot 25

421 A similar lot 25

422 Ten polished Axes, of larger size, and of good form 10

423 Twenty others, of good type 20

424 Fifteen others, of varied type 15

425 Twenty-two others 22

426 A well-ground Adze, in basalt; a well-chipped Axe, with ground edge, *rare*; a Burnisher; a curious Axe, with depressions at sides and a bored hollow on one face, *rare*; and nine other stone Implements, *all of interest* 14

427 A Chisel, in basalt, of good form, 5 *in. long*; five Adzes; a Burnisher; a chipped Chisel, in basalt; a stone Pendant; and sixteen others, *an interesting lot* 25

428 An interesting series of Burnishers, in varied material 10

429 A similar series, including one with finger depressions on the faces 10

430 Three Adzes; a Gouge; and twenty-one polished Axes, *some very good* 25

431	Twenty-five polished Axes, *some very good*, and of unusual form	25	3/ [illegible]
432	A similar lot	25	3/ [illegible]
433	A similar lot	25	
434	A similar lot	25	[illegible]
435	A similar lot	25	2/ [illegible]
436	A similar lot	25	
437	A similar lot	25	
438	A similar lot	25	
439	A similar lot	25	3/7/6 Elder
440	A similar lot	25	3/5/- "
441	Twenty polished Axes; and five others, of unusually small size	25	3/5/-
442	A similar series	25	3/5/- "
443	A similar series	25	3/5/- Costello
444	A similar series	25	4/-/- Keeler.
445	A similar series	25	3/5/- "
446	A similar series	25	3/-/- Lawrence.
447	A similar series	25	3/-/- Keeler.
448	A similar series	25	2/18/- Lawrence.

THIRD DAY'S SALE.

Wednesday, November 19th, 1924.

LOT

449 A flint Axe, straight-sided and square-ended, with sharp sides, of flat section, partly polished, $6\frac{7}{8}$ *in. long*; and another, of same general form, with truncated butt, $7\frac{1}{2}$ *in. long, found together at Clogher, both very fine, and rare in this material* [Pl. I] 2

450 Another, of flint, unusually well-chipped, with sides tapering to the butt, which is pointed, $7\frac{3}{4}$ *in. long* (*illustrated in R. S. A. I., vol. III, part* II); and another, of lozenge section, also extremely well-chipped, $6\frac{3}{4}$ *in. long, found at Forked Bridge* [Pl. I] 2

451 A well-chipped flint Adze, $6\frac{1}{8}$ *in. long*; an Axe, with ground cutting edge; two others, of narrow form, chipped only; and one with pointed butt, having the edge ground on one face, *a good lot* 5

452 A well-formed broad Chisel, with ground edge, $6\frac{1}{2}$ *in., found at Maghera*; and another, with extremely fine chipping, $6\frac{3}{8}$ *in., found at Cruckin* [Pl. I] 2

453 A polished flint Axe, $5\frac{7}{8}$ *in. long, Donegore*; and four others, *all with localities, all good specimens* 5

454 An unfinished Axe, in flint; another Axe, well-chipped (*see R. S. A. I., vol. III, part* 2, *page* 126, *fig.* 20); and four others, *all with localities* 6

455 A partly-polished flint Axe, of narrow form, $5\frac{1}{4}$ *in. long, found near Clough*; five others, *all with localities*; an Adze, *Ballintoy, rare*; and a Flake, with ground surface 8

456 A well-formed Flint Pick or Chisel, $5\frac{7}{8}$ *in. long, found at Glenariffe*; another, *Knockans*; another, *Glenaan*; and five chipped Axes 8

457 Three similar flint Picks; and seven chipped flint Axes, *all with localities* 10

458 Four smaller flint Picks; a curious notched Implement, in basalt; and seven chipped flint Axes 12

459 An interesting series of flint Fabricators, Picks and other Implements; and a Flake of Rock Crystal, *found near Cookstown, very rare* 35

460 A well-formed Axe, with ground edge, $4\frac{7}{8}$ *in. long*; an unusually good Pick, *found at Galgou*; and four others, *all good examples* 6 3/-/- Kelly

461 An unfinished Axe, of flint, *found at Dungarvey*; a partly-polished Chisel, of good form, $5\frac{3}{8}$ *in. long, Cloughmills*; a well-chipped pointed Implement, $4\frac{7}{8}$ *in. long, Glenish*; an Axe, with straight sides, ground at the edge only; and three others, *with localities marked* 7 35/-

462 A well-formed flint Chisel, $3\frac{1}{8}$ *in. long*; a narrow Axe, of good form, $4\frac{3}{4}$ *in. long, from Glenleslie*; a partly-polished Axe, $5\frac{1}{2}$ *in., from Kells*; and six others, *all good specimens, with localities* 9 2/10/- L.G.

463 Two flint Adzes, *rare*; a Chisel with ground edge; and six others, chipped into form, of small size 12 2/5/- Kelly

464 A finely formed flint Axe, with straight sides and ground edge, *found at Armoy*; another, ground all over, with pointed butt, *Culbane*; another, smaller, *Glenleslie*; one of rich red brown colour, *from Three Towns*; and three others, *all with localities* 7 3/5/- L.G. Ferton

465 A well formed Chisel, *from Castlegore*; another, smaller; six small Axes or Chisels; and nineteen others, all of flint 27 25/-

466 An unusually small polished Implement of oblong form (probably a Knife); two small Chisels; and five small Axes, all of flint, *and found in Co. Antrim, an interesting and unusual lot* 7 30/- Kelly

467 Twenty Axes; and five small Axes or Chisels, all of basalt 25 2/15/- L.

468 A similar lot 25 2/10/- Elder.

469 A similar lot 25 2/14/- ?

470 A similar lot 25 2/5/- Cook

471 A similar lot 25 2 gn. W.

472 A similar lot 25 30/- W.

473 A similar lot 25 34/- W.

474 Fifteen polished Axes; and ten smaller Axes or Chisels 25 28/- Lawrence

475 A large number of Axes of varied forms, many made of shale and some of doubtful antiquity 50 12/- W.

476 Four basalt Adzes; four Chisels; and eleven polished Axes of various sizes, *a good lot* 19 2/-/-

477 Twenty Chisels of varied sizes, *all of good quality* 20 3/-/- L.

478 A similar lot 20 3/-/- L.

479 A similar lot 20 4/-/- W

480 A small well-polished flint Axe; seven small flint Chisels; three large basalt Chisels; four smaller examples; and a curious leaf-shaped Knife of basalt, *a good lot* 16

481 An Adze of New Zealand type, *said to have been found at Culbane*; and nine Irish Axes, *some good, marked with localities* 10

482 A similar lot 10

483 A curious Polishing Stone of chert, *found at Culbane*; a roughly chipped Axe in basalt, *from Coleraine*; an Axe of diorite, with oblique edge; and seven other Axes of varied types 10

484 A very fine polished Axe of basalt, $7\frac{3}{8}$ *in. long, found at Crommelin*; another, 6 *in. long, from Magherabone*; a smaller example, *from Glenhead*; an Adze, *Ballyscullion*; and two other Axes 6

485 A massive Axe of grey coloured stone, $8\frac{1}{2}$ *in. long, found near Kilrea*; another of basalt, with oblique cutting edge, 8 *in. long, from Glenhead*; and four others 6

486 An Axe of sandstone, $10\frac{1}{2}$ *in. long, from Glenravel*; another in basalt, $8\frac{1}{2}$ *in. long, Coleraine*; and four others, *all good specimens* 6

487 An Adze of basalt, $8\frac{1}{2}$ *in. long, found at Clough Mills*; another, well-polished, with oblique cutting edge, $7\frac{3}{4}$ *in. long*; and three others, *all good* 5

488 A small Adze in basalt; and nine Chisels, *all good examples* 10

489 A similar lot, *also good* 10

490 Another lot, *also good* 10

491 Another lot, *some good* 10

492 Two "waisted" Axes; and sixteen small Axes, *some doubtful, from Culbane* 18

493 A similar lot; *from Culbane* 22

494 Twenty Whetstones of varied forms and periods (*some prehistoric*), on two cards 20

495 Fifteen polished Chisels; *found in Co. Antrim*, on card, *all good specimens* 15

496 Sixteen small Axes or Chisels of basalt, on card, *also good examples* 16

497 Six Sharpening Stones, of early type, on card; and six Whetstones, of later date 12

498 A very fine Archer's Bracer, in honestone, with two perforations at either end, 5 *in. long*, of the early bronze age, *extremely rare*; and fourteen smaller stone Bracers and Whetstones, on card, *a good lot* 15

499 Six stone Objects, probably Bracers, of the bronze age; and nine other stone Objects 15

500 A Whetstone or Ornament, with incised strap and other ornament on either side; a button-like Object, *both curious*; a Stone Burnisher of conical form, probably Neolithic; four early stone Pendants; and nine Burnishers or Whetstones, some of the prehistoric period 16

501 Thirty Whetstones, of various periods, *some good* 30

502 Thirty-seven others; a Cast of a rare Whetstone; and an 18th century Wig Curler 39

503 A collection of Irish stone Spindle Whorls; and a few stone Beads, some decorated, on four cards; a few American Examples included for comparison, *a very interesting lot* 78

504 Thirty stone Spindle Whorls, chiefly of the prehistoric period 30

505 A similar lot 30

506 Another lot, similar 30

507 A similar lot 30

508 A similar lot 30

509 A Spindle Whorl, made from a piece of petrified wood, *curious*; five decorated Whorls; and fifteen others 21

510 Thirty-two Spindle Whorls; *found at Culbane* 32

511 A similar lot; *from the same locality* 32

512 A string of fifty-one Spindle Whorls (some decorated) and Beads of early type (including a bronze Whorl); *found in Co. Antrim* 51

513 Two Stones with cup-shaped depressions on one face; and five fine Hammer Stones with indents on either face 7

514 A similar lot 75

515 A massive Hammer Stone with depressions; two others, *also good*; a hollowed Disc; two "tracked" Stones; and three Pounders 9

516 Ten Pounders, with depressions on face; ten "tracked" Stones; and ten ordinary Hammer Stones 30

517 A similar lot 30

518	Another lot, similar	30	
519	A similar lot	30	
520	A similar lot	30	
521	A similar lot	30	
522	A similar lot	30	
523	A similar lot	30	
524	A similar lot	30	
525	Forty-two "tracked" Stones; and thirty-seven ordinary Hammer Stones	79	
526	Two stone Discs, and two Fragments, *from Portstewart*; and five others, *found in Co. Donegal, an interesting lot*	7	
527	Twenty-nine Axes in basalt, showing various stages of manufacture; *from the Glenleslie "Axe factory," Co. Antrim; an instructive lot*	29	
528	Four cylindrical Stones, perhaps for boring axe hammers; seventeen Honestones of various periods; and a grooved Axe in basalt, *rare; from various localities*	22	
529	Twenty Axes or Chisels of narrow form, in chipped basalt; and six unfinished Specimens; *from various localities*	26	
530	A similar lot	26	
531	A large flint Pick, *found at Coleraine*; and eleven others, *from various localities*	12	
532	A similar lot	12	
533	Twelve flint Axes and Chisels; *from various localities, some good*	12	
534	A similar lot	12	
535	Twenty chipped flint Axes, some unfinished; *from various localities*	20	
536	A similar lot	20	
537	A similar lot; and two Tranchet Axes	22	
538	Fourteen flint Picks, *from various localities*	14	
539	A similar lot, including one of basalt	14	
540	A very fine basalt Pick, with ground sides; and nineteen chipped Axes in same material, *some very good*	20	

541 Five Picks; a fine Adze; and fourteen Axes, all of chipped basalt, *some very good examples* 20

542 Nineteen similar Axes; and a basalt Flake 20

543 A similar lot 20

544 A polished Axe; and nineteen chipped Axes, all in basalt 20

545 A Pick; an ovate Implement, *Cushendall* (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXVII, *fig.* 31); and eighteen chipped Axes, all in basalt 20

546 Twenty Axes in chipped basalt, *some unfinished* 20

547 A Pick; eighteen chipped Axes, *some fine*; and a Side Scraper, *Cushendall*, *rare*, all of basalt 20

548 An unfinished Axe, 11 *in. long*; another, 9 *in. long*; and eighteen other basalt Axes, *some fine* 20

549 A Pick; and nineteen chipped Axes, *some unfinished*, all in basalt 20

550 Thirteen chipped Axes, *some good*; a long Flake; six Hammer Stones; a polished Axe: all of basalt; and two others 22

551 Twenty Pounders, or Mealing Stones, *some very good examples* 20

552 A similar lot 20

553 Another lot, similar 20

554 Two "Anvil Stones"; nine Hammers; and a Celt, with depressions on faces, adapted as a hammer, *rare* 12

555 A fine flint Pick, *found at Culbane* (*Ill. Jour. R. I. A.*, *vol. XXX*, *pl.* XV, *fig.* 72); a good chipped Axe in basalt (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXIII, *fig.* 6), *Cushendall*; another flint Pick (*Ill. Jour. R. I. A.*, *vol. XXX*, *pl.* XVI, *fig.* 80); and two other fine chipped basalt Axes (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXIII, *figs.* 7 *and* 8), *from Cushendall* 5

556 A fine flint Pick, *from the Bann* (*Ill. Jour. R. I. A.*, *vol. XXX*, *pl.* XV, *fig.* 25); another (*fig.* 74); and three chipped Axes, *from Cushendall* (*Jour. Anth. Inst.*, *vol. XXXIII*, *figs.* 16, 22 *and* 34) 5

557 A fine chipped flint Axe, of narrow type, *from the Bann* (*Ill. Jour. R. I. A.*, 1912, *vol. XXX*, *pl.* X, *fig.* 78); a very fine chipped flint Pick, *from Culbane* (*same Journal*, *fig.* 76); a fine flint Axe, with ground cutting edge, *Coleraine* (*Ill. Jour. R. I. A.*, *vol. section C*, *pl.* XVI, *fig.* 92); a flint Knife (*illustrated*); and two roughly chipped basalt Axes (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXVII, *fig.* 30, *and pl.* XXXIX, *fig.* 11), *from Cushendall* 6

558 An extremely unusual "Tracked Stone," of fine quartzite, with a deeply cut trough-shaped depression on one face, *found at Ballyclair sandy braes* (*Ill. Jour. Roy. Hist. and Arch. Ass.*, *fig.* 3);

LOT 558—*continued.*

a Hammer Stone, with unusual countersunk perforation; a stone Pendant; a small Axe; and two Hammer Stones; *from various localities* 6

559 A roughly formed Axe, $10\frac{3}{4}$ *in.*, *found in Lough Neagh*; a chisel-shaped Implement, in clay slate, weighing 4 lbs., 15 *in. long, Culbane*; and forty-four others, *many of doubtful antiquity* 46

560 Fifty others, in clay slate, *many doubtful* 50

561 A similar lot 50

562 A similar lot 50

563 A similar lot 50

564 A large number of small pick-like Implements, Scrapers, and other Objects, in flint; *from various localities* *a lot*

565 A coarsely chipped Pick, *found in the Bann at Coleraine* (*Ill. Jour. R. I. A., vol. XXX, pl.* XVI); and a large number of similar Objects, and Picks of various sizes and types; *from various localities* *a lot*

566 An Axe Hammer, of granitic material, well polished, with deeply grooved upper and lower face, $5\frac{3}{8}$ *in. long*; *found at Clady, near Portglenone* [Pl. II] 1

567 A HIGHLY IMPORTANT AXE HAMMER, of dark polished stone, with semi-circular cutting edge, cone-shaped hammer end, and strongly incurved sides; the curves are outlined with a pronounced rib, 6 *in. long by* 4 *in. greatest width. This unusually fine and rare example, weighing* 4 *lbs., was found in deepening the river Bann about* 1847 (*see Ulster Journal of Archæology, vol. III, p.* 234, *and Proc. R. I. A., vol. XXX, section C, no.* 7, *pl.* 19, *fig.* 127) [Pl. II] 1

568 A pestle-shaped Hammer, of highly polished granitic stone, cylindrical in form, with rounded ends and small circular perforation, $3\frac{1}{4}$ *in. long, also fine and rare*; *found near Bushmills, Antrim* [Pl. II] 1

569 Another, of similar form, $3\frac{1}{4}$ *in. long, found at the Commons of Carrickfergus*; and a smaller example, *from Lough Mourne, both rare* 2

570 An Axe Hammer, of wedge form, with conical butt and broad cutting edge, partly perforated; the outer edge of the depression on either side decorated with a raised moulding, $4\frac{1}{2}$ *in. long, found in the Bann, fine and rare*; a perforated Axe, of doubtful antiquity; and a small Axe Hammer, *found at Moorfields, Antrim* 3

571 An oval Hammer, in black stone, with circular perforation, $3\frac{1}{4}$ *in. long, from Connor, Co. Antrim*; and another, smaller, *from the bed of the Bann, both rare* 2

572 An oval Hammer, with "hour glass" shaped perforation, the sides decorated with incised grooves, 5 *in. long*; and a cylindrical stone Implement, with the ends much abraded by use, *found together, an interesting lot* 2

573 An Axe, of diorite, with strongly curved depressions at the sides, the inner part of the depression hollowed for the grip of the fingers during use, $5\frac{3}{4}$ *in. long, from Glengariff*; an oblong Hammer, with "hour glass" perforation; and a discoidal Pebble, with the sides of the perforation rounded 3

574 Massive oval Hammer, of quartzite, with "hour glass" perforation, $4\frac{1}{2}$ *in. long, Glenleslie*; a boat-shaped example, with large perforation, $3\frac{3}{4}$ *in.* (*probably from the Bann*); an egg-shaped Hammer, of polished black stone, with small perforation, *from Carnlee*; and an early quartzite Hammer, with "hour glass" perforation, *found at Connor* 4

575 A discoidal Macehead, of sandstone, with grooved lines round the perforation, $4\frac{1}{4}$ *in., found in the Bann*; and six others, with primitive "hour glass" perforation (*this style of perforation is considered to be evidence of Neolithic date for the implement*) 7

576 A massive wedge-shaped Hammer, with large perforation, $7\frac{1}{2}$ *in. long, found at Aughmahoy*; and three others, of varied forms 4

577 A heavy perforated Hammer; and four others, all with primitive boring 5

578 Another, made from a larger broken example; a discoidal Implement; another, in quartzite, of oval form; and two others, *all good examples* 5

579 An oval Hammer, of good form, in granitic material; and five others, *a good lot* 6

580 Twelve perforated Hammer Stones 12

581 A similar lot 12

582 A similar lot 12

583 Twelve others, similar 12

584 Ten other examples; a stone Net Sinker?; and a curious oval Hammer, in iron, of uncertain date 12

IMPLEMENTS AND OTHER OBJECTS OF THE BRONZE AGE.

FOUND IN IRELAND.

585 A fine flat Axe, in copper, with semi-circular edge, $6\frac{1}{8}$ *in. long, found at Cullybackey*; and two others, smaller, *with localities* 3

586 Another of copper, of heavy fabric, $4\frac{7}{8}$ *in. long, found near Omagh, fine*; and three others, smaller, *with localities* 4

587 Another of copper, with unusual incurved sides, and straight-cutting edge, $6\frac{1}{4}$ *in., Ballymena*; and two others, smaller, *both good* 3

588 Three flat Axes of primitive type, $4\frac{1}{2}$ *in.*, $4\frac{1}{4}$ *in. and* 4 *in. long*; *from Toome, Dunboy and Loughguile* 3

589 A flat bronze Axe, with incurved sides, $4\frac{1}{4}$ *in., Clough*; another, 5 *in., Ballyconolly*; and another, $5\frac{3}{8}$ *in., Ballymena* 3

590 A large flat Axe, expanding towards the edge, the surface showing traces of herring-bone decoration, $7\frac{1}{4}$ *in. long*; *Ballymena, fine and rare* 1

591 Another, similar, with decoration of short indented lines out-curving from the centre, and elaborately facetted sides, 7 *in. long*; *found near Garvagh, in Cregard Bay, fine and rare* [Pl. III] 1

592 A flat Axe, with narrow butt, $4\frac{1}{2}$ *in. long, found at Craig-billy* (*Ill. Ulster Journal of Archæology, vol. IX, p.* 179, *fig.* 3); another, $4\frac{1}{4}$ *in.*; a smaller example; and a tiny copper Blade, *found at Kells, Co. Antrim* 4

593 A flat bronze Axe, with curved cutting edge, the surface decorated with lines of indented dots and chevrons, $5\frac{3}{4}$ *in.*; *found at Glensherry, fine and rare* [Pl. III] 1

594 Another, with herring-bone decoration on surface, $7\frac{1}{4}$ *in.*; *found near the previous specimen, also fine* 1

595 A flat bronze Axe, with traces of herring-bone decoration, $4\frac{5}{8}$ *in., found at Moorfields, Co. Antrim, fine*; another, with slight ridge in centre of blade, $5\frac{1}{4}$ *in., Ballymena*; and a small chisel-like object, *Moorfields* 3

596 An unusually large flat bronze Axe, with strongly curved sides, and curved cutting edge, the sides outlined with four parallel grooved lines and dots, $8\frac{3}{4}$ *in. long*; *found at Dunnygarron, fine and very rare* [Pl. III] 1

597 Three flat bronze Axes, $5\frac{3}{8}$ *in.*, 4 *in. and* $3\frac{1}{2}$ *in. long, all with localities* 3

598 A flat bronze Axe, with slight ridge on blade; a curious Implement, with shoulders at sides; and a smaller Object, the two latter perhaps burnishers; *all Co. Antrim, an interesting lot* 3

599 A flat bronze Axe, with incurved sides, the surface decorated with strongly engraved lines, $6\frac{7}{8}$ *in. long*; *found in a bog near Durrock, Cushendall, fine and rare* [Pl. III] 1

600 Another, with surface decorated with herring-bone ornament, 6 *in. long*; *Ballymena* [Pl. III] 1

601 Another, with somewhat straight-cutting edge, $6\frac{1}{2}$ *in. long, Ballymena*; two small flanged Axes; and an unusual type of Chisel, *found at Dreenan* 4

602 An unusually fine flanged Axe, with curved cutting edge, the surface of the blade decorated with a panel of deeply grooved parallel lines, $5\frac{7}{8}$ *in. long*; *Ballymena* [Pl. III] 1

603 Another, with slight flanges, having a decoration of curved and straight lines of indented dots, $5\frac{3}{4}$ *in. long*; *bought in Belfast, extremely fine and rare* [Pl. III] 1

604 A fine example of a flanged Axe, with slight stop ridge, $4\frac{3}{8}$ *in. long, Grange*; and another, smaller, *found at Derry* 2

605 A fine flanged Axe, with oval side flanges, outlined by a deep groove, the whole surface decorated with punch marks, 6 *in. long*; *Co. Antrim* (*see Jour. Royal Historical and Archæological Institute*, 1889, *p.* 112, *no.* 1, *pl. III*) [Pl. III] 1

606 A flanged Axe, with slight stop ridge, the flanges decorated with deeply grooved oblique lines, $4\frac{7}{8}$ *in. long, Ballymena, fine*; and another, smaller, plain 2

607 Another, with strong side flanges and stouter stop ridge, the centre of the blade outlined with a curved band of indented dots linking up the ends of the wings, $6\frac{1}{4}$ *in. long*; *found in Garvers Bog, Co. Antrim, extremely fine* (*see Jour. Roy. Hist. and Arch. Jour.*, 1889, *p.* 113, *pl. III, no.* 2) [Pl. III] 1

608 An unusually fine flanged Axe, with stop ridge, having a raised curved line connecting the two flanges, from the centre of this curved line is a straight rib running upwards to the stop ridge, 6 *in. long* [Pl. III] 1

609 Two Axes, with side flanges, and a curved ridge on blade, *both with localities* 2

610 Three similar Axes, *all good specimens* 3

611 A similar lot 4

612 A finely formed flanged Axe or Palstave, with stout stop ridge and curved cutting edge, $5\frac{3}{8}$ *in. long, Co. Derry*; and two others, smaller 3

613 A winged Palstave, with stout triangular ornament below stop ridge, $4\frac{3}{4}$ *in., Co. Tyrone*; and another of plain type, 6 *in., Lisburn, both fine* 2

614 Another, with triangular ribs on blade, $4\frac{1}{2}$ *in., Crommelin*; and two others, *all good specimens* 3

615 Another, with angular side flanges and curved cutting edge, 7 *in. long, Co. Derry, fine*; and an Example, with loop at side, *found in a Crannog at Lough Mourne* 2

616 A fine Palstave, with conical ridge on blade, $4\frac{5}{8}$ *in., Glenny, Co. Antrim*; and another, of plain type, both with loops 2

617 A socketed Chisel, of square section, $3\frac{1}{4}$ *in.*; a fine Gouge, $3\frac{1}{4}$ *in., Cullybackey*; and another, smaller, *Grange* 3

618 A winged Palstave, with unusual rib on sides at the junction of the blade to the socket, 6 *in. long, Craig's Bog*; another with wings, $5\frac{1}{4}$ *in., Toome*; and a smaller Example, with shield-shaped ornament below stop ridge 3

619 A fine socketed Celt, with curved cutting edge and side loop, the mouth decorated with ribs, 4 *in. long, found at Craig's*; and three others, smaller 4

620 Another Example of unusual size, $4\frac{1}{2}$ *in. long, Co. Cork*; and three others, smaller 4

621 Another, of good form, the mouth decorated with ribs, *Kilwalter*; another, similar; and three others 5

622 Another, with ribs on socket, *Glarryford*; three others, *all good specimens*; and an imperfect Example, *all with localities* 5

623 Another, of unusually good form, $3\frac{1}{4}$ *in.*, *found at Cross*; and three others, *with localities, all good examples* 4

624 Three smaller Specimens, with unusually broad cutting edges, *Clough and Larne, a good lot* 3

625 Another Specimen, with curiously broad cutting edge and incurved sides, $3\frac{1}{4}$ *in.*, *Ballymoney*; and two others, *also good, from the Glenny collection* 3

626 A finely-formed socketed Celt, with well-defined ribs on socket, $3\frac{1}{2}$ *in. long*; and another, somewhat similar, $3\frac{1}{2}$ *in.*, *Portglenone* [Pl. III] 2

627 A good socketed Celt, with socket of oblong section and a raised moulding at mouth, $3\frac{1}{2}$ *in.*, *found in Fenagh Bog*; and two others, of the same type, with three ribs on the faces, *rare, Co. Antrim* 3

628 Another, with similar ribs on the faces, $3\frac{1}{4}$ *in.*; a small Celt, with socket of square section; and a very unusual Example, with raised moulding at mouth of socket, $3\frac{7}{8}$ *in.*, *all Co. Antrim* [Pl. III] 3

629 A bronze Chisel, with side flanges, $3\frac{1}{4}$ *in.*; another, similar, *Killyless*; and four unusually small socketed Axes or Chisels, *with localities, a good lot* 6

630 A Chisel, with narrow blade, expanding towards the edge, the flanges at right angles to the blade, $3\frac{1}{4}$ *in.*, *Castlegore*; and two others, similar, *all rare* 3

631 Two others, similar, *Knockboy and Co. Antrim*; and a tiny crescent-shaped Blade, probably a razor, *Cleggan, the last very rare* 3

632 A Chisel, of early type, with projections at the sides and a cutting edge at either end, $4\frac{3}{4}$ *in. long*; *Randalstown, fine and rare*; another, with curved cutting edge and a tang for the handle, 4 *in.*, *Glenish*; and an earlier type, with curved sides, 3 *in.*, *Ballybay, all fine and rare* [Pl. VII] 3

633 An extremely fine bronze Spear Head, of early type, with narrow solid blade, decorated with strong ribs in a sunk panel, and having a wide socket, with loops at the base, $6\frac{1}{4}$ *in. long*; *found at Deerfin* [Pl. IV] 1

*** This interesting weapon shows evidences of the development of the spear-head from the dagger and is of unusual interest.

634 Another, of similar type; and three others, *imperfect*, of slightly later form, with side loops 4

635 A Spear or Lance Head, with leaf-shaped blade, decorated with a rib, $5\frac{1}{4}$ *in.*, *Magheraboy*; another, $4\frac{1}{4}$ *in.*, *Teeshaw*; a similar Example, *found at Cloughancely*, all with side loops on socket; and the Blade of another, of broader type 4

636 A Lance Head, with lozenge-shaped blade, $3\frac{5}{8}$ *in. long, fine*; and four others, of slender form, all with side loops, *found in Co. Antrim* 5

637 A Lance Head, with slender leaf-shaped blade; another, with rib on upper part of socket, $4\frac{7}{8}$ *in.*; another, with curious blade of square section and traces of loops (with original wood in socket), *rare*; and an Example, with lozenge-shaped blade decorated with ribs in relief and a "false rivet" on socket, $3\frac{3}{4}$ *in.*, *rare, all Co. Antrim, a most interesting lot* 4

638 A Lance Head, with broad blade, $3\frac{3}{4}$ *in.*; another, similar, $3\frac{3}{8}$ *in.*; and two others, of unusually small size, all with side loops, *and all found in Co. Antrim* 4

639 A Spear Head, with a triangular blade, decorated with ribs in relief, the ends of the blade are carried down by means of a strap-like moulding to the side loops, which have oval faces; the socket and sides of the "straps" are decorated with lines of dots, and a sinuous line of dots occurs at the base of the socket, $6\frac{5}{8}$ *in. long* [Pl. IV] 1

*** This unusually well preserved and fine weapon was found in Fenagh Bog, and is illustrated and described in the *Royal Historical and Archæological Association Journal*, 1889, *pl. III, fig.* 3, *p.* 113.

640 A fine Spear Head, of unusually slender form, the sides of the blade being slightly incurved, the section of the mid-rib is of a lozenge form, and the edge of the blade is continued down to the side loops, $7\frac{1}{2}$ *in. long, found in Buckno Bog*; and another, of more ordinary type, $4\frac{3}{4}$ *in. long, Co. Antrim* 2

641 A Lance Head, with ribs on blade and side loops, 6 *in. long, from the Glenny collection*; three small Lance Heads, of later type, with rivet holes; and the Blade of a Spear Head, *all found in Co. Antrim* 5

642 A Spear Head, with narrow leaf-shaped blade, strong mid-rib, and the outline of the blade ridged, there are remains of loops at the base of the blade for attachment to the shaft, and the socket is unusually long, 11 *in. long*; and the Point of another Spear Head 2

643 A Spear Head, with somewhat slender blade, and stout mid-rib, the base of the blade having wire loops for attachment of the cord used to secure the head to the shaft, 12 *in. long*; *found near Toome, Co. Derry* 1

644 A Spear Head, with broad blade, the edge having a curious angular outline in the centre of the blade, the base of the blade is furnished with similar loops to the previous item, 7¾ *in. long*; *found at Rasharkin, fine and rare* [Pl. IV] 1

645 A Spear Head, of graceful form, with leaf-shaped blade and bevelled cutting edge, the end of the blade is continued down to the rivet-hole as a decorative moulding, 9 *in. long*; *Claddy, Co. Derry, very fine* [Pl. IV] 1

646 Another of slender form, the blade being continued as a rib down to the rivet hole, 8¾ *in. long, found at Taylorstown*; a Lance Head, with leaf shaped blade, 5½ *in. long, found at Glenwherry*; and a Javelin Head, with curious markings on the surface, *in very fine condition, an interesting lot* 3

647 A Javelin Head, with oval openings in blade, 3¾ *in. long, extremely rare*; another, with wire loops at base of blade of stouter workmanship; and three broken bronze Axes 5

648 A Blade of a knife dagger, with strong midrib and broad base, in which are three original rivets, *an interesting and early type*, 3½ *in. long*; *found at Carnstrone* 1

649 A Rapier Blade of slender form, with side notches for the rivets, 9½ *in. long*; and another similar, 8 *in. long* 2

650 Another, with triangular base, notched for two rivets, 12½ *in. long, found at Parkmore, Ballymena*; and a curious Blade, with two rivet holes 2

651 A Dagger Blade, of later type, with broad blade and angular plate, perforated with two rivet holes, 11½ *in. long*; *found at Skerry*; *fine* [Pl. IV] 1

652 A Dagger Blade, with triangular base, having notches for two rivets, 5⅞ *in. long*; an early Knife Blade of triangular form, with four rivet holes, 3¾ *in. long, found at Bushmills*; and a small Knife Blade, *found at Tully* 3

653 An extremely fine bronze Sword, with broad leaf-shaped blade, and complete handle plate with fish tail termination, the handle

LOT 653—*continued.*

plate is ridged, and is pierced for four rivets, the remaining rivet holes have been plugged, 25 *in. long*; *found in Rosherry Peat Bog* [Pl. IV] 1

*** A label with an interesting pedigree of the weapon is attached.

654 Another of good form, with leaf shaped blade, and handle plate pierced for six rivets, and having a slot in the centre, three of the original rivets remain in position (*the blade has been neatly repaired*), 23⅜ *in. long*; *found in a bog near Glenish*; *fine* [Pl. IV] 1

655 Another of good form, with leaf shaped blade and part of handle plate which is pierced for two rivets, 19½ *in. long*; *found in Derry* (*repaired*) 1

656 A Sword of slender form, with broad fish-tail termination to handle plate, and having ribs on the plate, which is pierced for six rivets, 19 *in. long*; *found at Ballymoney* (*repaired*) 1

657 Another of broader type, with imperfect handle plate, pierced for six rivets, 18¾ *in. long*; *found at Cross Keys, Co. Antrim* 1

658 A Dagger Blade, with strong midrib, and having one rivet in position; a broken Sword Blade, *found at Cushendall*, 14½ *in. long*; and three other Blades, *all imperfect* 5

659 A Dagger Blade, with midrib of simple form; and a bronze Sickle, with ridged blade, and socket pierced for one rivet, 6⅛ *in. long*, *rare* 2

660 A Dagger or Knife, with slender leaf-shaped blade, and oval socket, the latter has incurved sides and is pierced for rivet (part of the wooden handle remains in position), 10¾ *in. long*; *found at Glenbush* [Pl. IV] 1

661 A curious pointed Weapon, with blade of square section and funnel shaped socket, the latter is pierced for a rivet, 7⅝ *in. long*; *found at Fermanagh*, *extremely rare and in good condition* [Pl. VII] 1

662 A Scabbard Chape for a Sword, the socket is of lozenge section, and the butt has a globular termination, 3¾ *in. long*, *an extremely unusual type*; *probably found at Lisnacroghera Crannog*, *from the Buick collection* [Pl. IV] 1

663 A Knife or Razor, with leaf-shaped blade, decorated with a lozenge shaped boss in slight relief, the pointed end has an angular notch, and there is a tang for the handle, 3¼ *in. long* (*found at Carrickfergus*); and another, with projections at upper part of the tang, 4¼ *in. long*, *found at Killyless*, *both rare* [Pl. VII] 2

664 Another, with slender leaf-shaped blade and rivet hole in tang, $4\frac{5}{8}$ *in. long, found at Moorfields Co. Antrim*; and another, with a depression divided by a midrib in centre of blade, 3 *in. long, found at Ballymena, both fine and rare* [Pl. VII] 2

665 A Knife, with slender blade, and decorated with a midrib, the socket, which is perforated for one rivet, is incurved at the base, $6\frac{1}{4}$ *in. long*; *found in Co. Antrim, rare* [Pl. IV] 1

666 A socketed Knife; and two Axes, *all imperfect*; and a Lump of Copper, *all Co. Antrim* 4

667 A Palstave, with two recently bored holes in the socket, *Glenish, Co. Antrim*; five bronze Chisels; and two copper Implements, *some of later period* 8

FOURTH DAY'S SALE.

Thursday, 20th November, 1924.

STONE MOULDS FOR IMPLEMENTS.

FOUND NEAR BALLYMENA.

LOT

668 A very fine Valve of a mould for a spear head, made of schist, this was for casting a weapon with a strongly grooved blade, and with large side loops, 5 *in. long, extremely fine and rare* [Pl. IV] 1

669 A Valve for a similar lance head, $3\frac{3}{8}$ *in. long*; and another of same type, $4\frac{1}{2}$ *in., both probably of basalt, very rare* [Pl. IV] 2

670 A similar Valve of a mould, $4\frac{1}{4}$ *in.*; and part of another 2

671 A four-sided Mould, of square form, for casting various types of razors or knives, 3 *in. long*; and a Valve, for making a small socketed celt, with side loop, $2\frac{1}{2}$ *in. long*; both of sand-stone, *and extremely rare* [Pl. IV] 2

672 A Valve of a Mould for casting the blade of a larger spear-head, with ribs on blade, $6\frac{3}{4}$ *in.*; another, for a small lance of early type; part of another, for making the blade of a socketed axe; and a Fragment of a Mould, for a spear head 4

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673 Part of the Rim of a large bronze cauldron, with tubular rim and solid ring handle, the latter is suspended from a broad reel-shaped loop, having three ribs in high relief; and the companion Piece for the opposite side, $8\frac{1}{2}$ *in. long, very fine and rare* [Pl. V] 2

674 A Cauldron, of thin sheet bronze, composed of four plates riveted together, the bowl is in the form of an inverted cone with rounded shoulders and flat rim, on the rim are two solid ring handles attached by ribbed loops to the rim, 12 *in. high, about* 15 *in. diam.*; *found in a bog near Portglenone, extremely rare* [Pl. V] 1

675 A Ring Handle and Loop; Part of a Rim; and two odd Plates; all parts of cauldrons 5

676 A plain Band from a large bronze cauldron, with a number of holes punched in it for riveting purposes 1

677 A Cauldron or deep bowl, of flattened hemi-spherical form, showing considerable evidences of repair in the shape of riveted patches all round the sides, the rim has a number of holes punched in it, probably for an additional rim, 12½ *in. diam.* 1

678 Another Cauldron, with straighter sides, rounded below, showing similar repair at the sides, 10½ *in. diam.*; *found in a bog at Gortgole, Buick coll.* (*see Ulster Journal of Arch. vol. XIV, page* 23, 1908) 1

679 An important Cauldron, of unusually large size, with strongly curved sides and short oblique rim; this also bears evidence of much patching, showing the high value attached to these vessels of beaten bronze in early times, 17 *in. diam. at mouth,* 13 *in. high*; *found in Dirneveigh Bog in* 1885 1

*** Some of these bowls were probably originally used as water clocks, but not when in this patched condition.

680 Another Vessel, with straight sides and flat base, and having similar evidences of patching, 14 *in. diam.*; *found at Portglenone* 1

681 A Cooking Pot, with ridged sides and cylindrical neck, having two stout loops riveted to the sides, the surface is decorated with hammer marks, 7½ *in. by* 6½ *in.*; *probably of the mediæval period, found in the Bann* 1

682 An Armlet, of broad form, with curved sides and outcurved ends, the body is elaborately decorated with bands of concentric lines and chevrons, 3⅜ *in. diam*; *found in a bog at Castle Dawson, near Magherafelt, very fine and extremely rare* 1

683 A spur-shaped Object of large size, the shank sharply curved and the ends of the limbs flattened out and perforated (the shank probably terminated in a knob, now missing), 9⅞ *in. long*; *late Celtic period, found at Glenatrace, rare* [Pl. VII] 1

*** These objects are considered to have been used as an ornament upon the head of a horse.

60/- 684 A bronze Pin, with discoidal head, having a stout conical projection in the centre, the head is bent down at right angles to the shaft, 5¾ *in. long*; another of similar type, the disc decorated with fine concentric lines, and a small boss in the centre, 6¾ *in.*; and a Pin, of straight form, with a conical projection on the disc, 6¼ *in.*; *all found in Co. Antrim, very fine and rare* [Pl. VII] 3

685 A bronze Pin, with large ring head, the junction of the head to the pin being strongly curved, and the lower part of the curve forming

LOT 685—*continued.*

a shoulder, 7 *in. long, fine*; another, of very curious form, the head curving sharply back and forming a circle, the head is now hollow, but was probably filled with coral or enamel, $6\frac{3}{8}$ *in. long*; and a fine Pin, of the "hand type," with head of crescent form, one side having five finger-like projections, the flat plate is decorated with characteristic spirals; *all of the early iron age and very rare* [Pl. VII] 3

686 A bronze Pin, with hollow head and looped top; another, with head in form of a horse's head, to this are attached two pendant rings; and a good bronze Fibula, of La Téne type III, having a pierced catch-plate and a spiral spring attached to head of pin; *all of the early iron period* 3

POTTERY AND OTHER OBJECTS, CHIEFLY FROM BRONZE AGE INTERMENTS.

687 An Urn, of bowl form (*repaired*), with a band of triangular indents filled with small dots in centre of the body, 5 *in. by* 3 *in.*; *found in a "Giant's Grave" at Loughloughan, near Broughshane* (*see Jour. R. S. Ant., Ireland, part II, vol.* XXXII) 1

688 A primitive Lamp, of earthenware, in the form of an open bowl of oval form, with pinched spout at one end, 6 *in. long*; *found at Portstewart* 1

689 An Urn (*repaired, with base missing*), the surface decorated with a hatched pattern of dotted lines, $6\frac{1}{4}$ *in. diam.*, *found inside a larger urn at Galgorm Park* (some bones remain in the urn); three calcined Arrow Heads, probably found within the urn (*see Roy. Ulster Jour. Arch.*, 1875, *pl.* III); and a calcined Arrow Head, found in another urn 5

690 A very fine Urn of bowl form, decorated with bands of parallel and vertical lines, and having a deep groove in centre of the body accentuated at the borders by angular ridges, the upper ridge decorated with angular indents, and the lower one with chevrons, $5\frac{1}{2}$ *in. by* $3\frac{7}{8}$ *in.*; also the Blade of a fine bronze Knife of triangular form, with two stout rivets, and showing the scar of the hafting between the rivets, 3 *in. long*, found inside the urn; *found at Loughguile in* 1870 (*Illustrated in Abercromby's "Bronze Age Pottery," vol. II, p.* 163, *fig.* 47) [Pl. VI] 2

691 An Urn (*restored*), the body decorated with ridges, in the depressions between which are chevrons in relief, and with a band of oblique dotted lines below the rim, 6 *in. by* $4\frac{7}{8}$ *in.*; *found at Ballycloughlan* (*Ill. Roy. Ulster Jour. Arch.*, 1895, *part* II, *vol. I, fig.* 4) [Pl. VI] 1

692 An imperfect Urn, with a band of ornament suggesting the St. Andrew's cross on upper part of the vessel, 6 *in. diam.*; *found in the "Bishop's Cairn," near Glenwherry* (*Ill. Ulster Journ.*, 1895) 7/5/- Leeds.

693 Two Parts of the Rim of a large "Food Vessel," with angular ribs in relief, the spaces between filled with lines of indented dots, and the base and part of the side of the same vessel decorated with hatched lines; *found at Thorny Valley* (*Ill. Ulster Jour.*, 1895, *pl.* I); two Parts of a smaller Vessel, decorated with a cross-shaped ornament on base, *found near Kells*; and Fragments of another Urn 4 4/10/-

694 A small Urn of "food vessel" type, with deeply indented shoulder and flat rim, the latter decorated with a band of indents, $2\frac{1}{2}$ *in. by* $3\frac{3}{4}$ *in.*; *found at Cumberclady, extremely rare*; *from the Buick collection* (*Ill. Jour. Soc. Ant. Ireland*, 1891, *p.* 437) [Pl. VI] 1 10/-

60/- 695 An Incense Cup, with angular sides, decorated with bands of chevrons and dots, and a cruciform ornament on the base, $1\frac{7}{8}$ *in. high*; *found in a "Dane's Fort," near Glenties* (*Ill. Abercromby's "Bronze Age Pottery," vol. II, p.* 34, *fig.* 343) [Pl. VI] 1 12/10/-

76/- 696 A bowl-shaped Urn, with incurved rim, the body decorated with bands of chevrons and vertical and horizontal lines (*restored*), $6\frac{1}{2}$ *in. by* $3\frac{1}{2}$ *in*; *found at Cumberclady* (*Jour. Soc. Ant. Ireland, p.* 436); *from the Buick collection* 1 5/5/-

70/- 697 An Urn of "food vessel" type, with two strong ridges on sides, well decorated with chevrons and indented lines on the body, $4\frac{1}{2}$ *in. by* $5\frac{3}{4}$ *in.*; *found at Esker Dromona when making a railway to Portrush* [Pl. VI] 1 24/-

50/- 698 An Urn of deep bowl form with narrow base, and strongly outcurved sides, the centre of the body has two pronounced ribs, well decorated with bands of short oblique and horizontal lines, at the side is a simple looped handle, a most unusual feature in these vessels, $4\frac{3}{4}$ *in. by* $6\frac{1}{2}$ *in. diam.* (*restored*); *found in a "Giant's Grave" and "Carnal" at Loughloughan* (*see Jour. R. S. Ant. Ireland, vol. XXXII, p.* 163) [Pl. VI] 1 25/10/-

699 A small Incense Cup, with rounded base and sharply sloping sides, decorated with bands of chevrons and oblique lines, 3 *in. diam.*; and a stone Spindle Whorl (*broken*), found inside the urn; *from Knockboy, near Ballymena* (a long MS. description is within the vase) 2

700 A small stone Cup, the sides decorated with bands of triangles filled with hatched lines, 2½ *in. diam*; *found at Glenarm*; *extremely rare* 1

701 Part of a stone Cup, decorated with bands of herring-bone ornament; an unfinished Example, decorated with incised lines; a tiny Lamp of open form; and an oblong pottery Object, decorated with incised lines; *found within an urn at Kilbraights* 4

BEADS AND PENDANTS FOUND IN IRELAND.

702 A collection of jet Objects, consisting of two Armlets, a cross-shaped pendant, two decorated Plaques from a Bronze Age necklace, *rare*; two Buttons, and nineteen other Beads and Whorls, all of early period, on card 26

703 A card containing twenty-five stone Beads and Whorls, also of early period 25

704 A very fine series of sixty variegated glass Beads of early types (*one from Cyprus included for comparison*), on card 60

705 A series of thirty blue "ringed" glass Beads, three of them ornamented, *probably of the Bronze Age, and found on the sites of "Crannogs" or island dwellings*; *a fine lot* 30

706 A very important group of highly decorated glass Beads, some ornamented with stout threads in relief; part of a decorated glass Armlet; and three Spindle Whorls; *Co. Antrim* 48

707 Part of a twisted gold Torque; a ribbed Ring of gold; a Piece of gold Ring Money; a gold Plaque, decorated with scrolls in "pearled" technique; two wire Objects linked together; *all found in Lisnacroghera Crannog*; and an extremely fine series of glass Beads, decorated with spirals, many of them with knobs or ribs in relief, *an important lot* [Pl. VIII] 34

*** For similar beads, see *Guide to Celtic Antiquities of the Christian Period, Dublin*, 1910, *pp.* 68-69.

708 Another collection of similar Beads, some beautifully decorated, *also a fine lot*, on card 27

709 A fine Necklace of thirty-three amber Beads, *found in the peat between Craigbilly and Connor*; and sixteen odd amber Beads, all probably of the Viking period, *very rare*, on card 49

710 A card containing a number of odd amber Beads and Pendants; *found in the north of Ireland*, also of the Viking period 42

711 A curious wooden Pendant with incised symbols; and eleven "dumb-bell" shaped Beads; *from the Buick collection*, on card 12

712 A card containing forty-nine "dumb-bell" Beads; *found in the Irish peat and on Crannogs* 49

713 A series of eighteen similar Beads; *found in Co. Antrim*; on card 18

714 An interesting series of whorl-shaped glass Beads, chiefly of amber colour; *found in the peat bogs and island sites*; on card 52

715 A cruciform stone Bead; and forty-one roughly shaped Beads and Pendants, on two cards 42

716 A string of thirty-nine glass Beads, chiefly of amber colour, but a few of them decorated with wavy lines in white 39

717 Three strings of glass Beads, many of them decorated, and chiefly of an early period 56

718 A string of sixty Beads and Pendants, many of them decorated, and chiefly of an early period 56

719 Three strings of varied stone and glass Beads and Whorls 67

720 Three fine jet Armlets; and fifteen Whorls and Rings of jet and stone, *some of them probably of Roman manufacture and perhaps relics of an early Viking raid* 18

721 A very important jet Armlet, the outer surface strongly ribbed, 5 *in. diam.*; *found at Knocklayd, Co. Antrim* 1

722 Eight vitreous paste Beads, with ribbed sides, of the Roman period, *rare*; four early faience quoit-shaped Beads, *also rare*; and seventeen stone Beads, of varied form; *all Co. Antrim*; on card 29

723 A string of old Irish "blackberry" Beads, in glass, of varied colours, on card 68

724 A series of stone Beads and Pendants, of various periods, on three cards 3

725 Twenty-one tiny stone Beads; *found on the sandhills at Portstewart, very rare* 21

OBJECTS, PRINCIPALLY OF THE CELTIC PERIOD.

726 Ring Head of a penannular brooch, of circular form, in bronze, with sunk panels at the expanded ends, and another in the centre of the ring; these panels are decorated with interlacing ornament, and in the centre of each is a depression, originally filled with paste or enamel now missing, $2\frac{3}{4}$ *in. diam.*; *found in Maghadee bog, near Kellswater, fine and very rare* [Pl. VII] 1

727 Penannular Brooch, in bronze, the body of the ring decorated with groups of grooved lines, towards each end of the ring is a boss suggesting the head of an animal, and beyond these are triangular cells filled with red enamel, with a section of decorated glass "cane" set in the centre of each cell, $5\frac{1}{4}$ *in. long* (*see Jour. R. I. A.*, 1901, *vol. VI, third series, no. 3, p.* 388) [Pl. VII] 1

728 A Ring Pin, the loop having terminations suggesting the reptilian head, $3\frac{1}{4}$ *in. long*; and an unusual penannular Brooch, with very broad expansion at the ends of the ring, the outline decorated with a line of dots, *also rare*; *found in a Crannog at Derryhullogh* (*see U. J. Arch., vol. X, p.* 53) [Pl. VII] 2

729 A penannular Brooch with large head, the expanding ends decorated with hatched lines and short ribs in relief, $4\frac{3}{8}$ *in. long*; and another, with the ends slightly incurved and tapering to a point, decorated with interlaced lines and circular cells, $3\frac{1}{2}$ *in. long, both fine and rare* [Pl. VII] 2

730 A very fine penannular Brooch, the expanding ends decorated with circular lines in relief and notched projections at the sides [Pl. VII] 1

730A A Ring Pin, with small head, decorated with incised lines; another, with spiral wire head; and another, similar 3

731 A fine bronze Pin, with discoidal head, ribbed at the sides; and four others, of varied types 5

732 A Ring Pin, of early type, with small circular head inlaid with yellow enamel, *rare*; another, with plain ring head; another, with dotted design at head of pin; and a curious example with small ring head 4

733 Two others, with solid ring heads; and two with thin spiral wire loops 4

734 A Pin, with flat square head, having a depressed gilt face, decorated with facets suggesting "chip carving" technique, *rare*; and three other Pins, *an interesting lot* 4

735 A grooved Ring from a pin; a Ring Pin, of plain type; a Pin and small Ring, *found together at Portstewart*; and four others 8

736 A curious bronze Pin, the upper part spirally twisted, and having a coiled turn near the top, 7½ *in. long, probably of the Early Iron age*; and three others, of a later period 4

737 A Ring Pin, with ribbed head and triangular projection at top; another, with hooked termination; another, with end in form of a horse head, with enamelled eyes; and two others, *a good lot* 5

738 A bronze Pin, *found at White Park Bay*; and five others, of simple form 6

739 A fine bronze Finger Ring, with oval depression on front, *found at Vagey, probably of the Early Iron period, rare*; three ribbed bronze Rings; and a Brooch Ring, with notched ornament 5

740 Part of a Horse Bit, in bronze, of curved form, and two Links of another, *found at Glenleslie, both probably of the Early Iron period*; two decorated Rings; two others, plain; and a small bronze Knife Blade of the Early Bronze age 8

741 A Celtic iron Bell, of quadrangular section, with broad loop; the clapper is still in position, and is heavy in proportion to the size of the bell, 7 *in. high*; there are small patches of the original bronze coating still on the outer surface; *from the ancient Church of Markstown, Cullybackey, extremely rare* [Pl. V] 1

742 "The Lissan Bell," an iron bell of small size, of similar section to the last item, the loop is depressed in the centre, 4 *in. high*; *from Lissan, Co. Tyrone* [Pl. V] 1

*** Part of a letter from Bishop Reeve, relating to this bell, is attached.

743 A bronze Fibula, harp-shaped, the catch-plate of triangular form, broadening towards the lower end, the plate decorated with three parallel rows of a curved scale pattern, the centre of the bow is ribbed, with a band of small knobs on either side of the rib, the "trumpet end" formed spring box is decorated with spirals, and attached to the spring is a circular loop for a chain, *an extremely fine and rare example of the Second Century* A.D. [Pl. VII] 1

744 A fine leather Shoe, of Celtic type, the heel and front decorated with raised bands, the upper part of the front is continued as a tongue-shaped extension, and this is perforated with three oval openings; and four others, of simple type, *all early examples and of interest* 5

745 A stone Cup in the form of an open bowl, with a globular projection at the side, 3 *in. diam., found near Newton Crommelin* (*see Uls. Jour.*, 1895); and a heavy stone Bowl, of simple form, $4\frac{1}{4}$ *in. diam., found near Craigmaddy* 2

746 A stone Cup of black material, of hemi-spherical form, the rim ornamented with incised chevrons, and with a small pierced handle at the side; *probably found near Connor* (*Ill. Uls. Jour. Arch.*, 1895, *vol. XV, p.* 4) 1

747 Two large bronze Rings, each with pendant rings attached to them; and twenty-five single Rings; *found* (*with others*) *arranged in a semi-circle in a fort at Secon Hill, near Ballymoney* 27

748 A large bronze Buckle; five bronze Finger Rings; two Harp Pegs of bronze; and four other Objects, on card 12

749 Two curious iron Chisels, with solid butts and side loop, *probably of the Early Iron period, very rare*; nineteen Rings, *of various periods*; and thirteen other Objects 34

750 A wooden Paddle; *found in a bog near Ballymena, very rare and interesting* 1

751 A bone Implement; a bronze Pin, with heart-shaped head; a Ring Brooch; a surgeon's silver Needle (17*th Century*); and a bronze Harp Peg 5

752 A Mould for casting an inscribed cross; another for a crucifix; nine Moulds for casting button-shaped objects; another Mould; and a curious Palette, with three depressions; *all found in Ireland and of an early period, an interesting lot* 13

MISCELLANEOUS OBJECTS OF A LATER PERIOD.

753 A large wooden Mether (*damaged*), *found in a bog near Ballymena*; and a small Cup, of similar form decorated with chevrons, *found at Slenish* (*Ill. Ulst. Jour. Arch., vol. XV, p.* 4) 2

754 Two wooden Pepper Grinders; a wooden Goblet; and a curious wooden Bowl, *from Kells, all of the* 18*th Century* 4

755 Two rush-light Holders; a bronze Mortar; a metal Vase; and three horn Cups 7

756 Two decorated horn Cups (*one Ill. Ulst. Jour. Arch., vol. XV, p.* 5), and seven curious funnel-shaped Vessels in wood and bone 11

757 Five "Socket Stones" used as gate hinges; a Mould for a brooch; a number of early Bullet Moulds; a 17th Century Dagger; and other miscellaneous Objects *a lot*

758 Three bone Objects; and fourteen various stone Implements, all used as rubbing instruments in weaving 17

IMPLEMENTS FOUND IN OTHER COUNTRIES.

759 Thirteen palæolithic Implements, *from Suffolk*; one, *from Wandsworth*; another, *from Stamford Hill*; and seven Others, *from various English localities* 22

760 An ovate flint Instrument, *very rare*; and seven Chert Implements, *found at Broome, Dorset, all of the palæolithic period, some very good* 8

761 A Mousterian Implement, *found at Wandsworth, rare*; four drift Implements, *from Northfleet*; nine others, *found in Suffolk*; and a good "twisted" Ovate, *from Bottisham, rare, a good lot* 15

762 Ten drift Implements; *found in France, some from Saint Acheul* 10

763 Nineteen Implements of late drift type; *chiefly found at Bois du Rocher, Côtes du Nord* 19

764 Two bone Implements; and a series of Scrapers of various types and other Implements, *from the French caves, an interesting lot* 56

765 Five chipped Axes, *found at Spiennes, Belgium*; a long Pressigny Flake; a polished Axe, *from Saxony*; four polished Axes, *from France*; and seven others, *also from France, all of the Neolithic period* 18

766 Twelve flint Axes, *from Cissbury*; seven others, *from Grimes graves*; a curious palæolithic Form, *found at Weeting*; eight varied Implements, *from Suffolk*; and six others, *from Eastbourne* 34

EGYPT.

767 A tortoise Core; eleven Implements; and five others, *all of the Palæolithic period* 17

768 A flint Pick, *found in a tomb at Medinet Habu*; three other Picks; and fourteen Implements, *from the Neolithic workshop floor at Wady-el-Sheikh* 18

769 A series of Scrapers and worked Flakes, *found near Helouan* 22

770 A series of pigmy Implements and Borers, *found at the same locality* 38

771 Twenty-eight Implements, with serrated edges; *some found at El Kab*, on two cards 28

772 Nine small Chisels; nine leaf-shaped Implements; and eight peculiar Flakes, *chipped at one side*, on three cards 26

773 A slate Palette in the form of a fish; three others of simpler form; and a finely chipped Chisel, *rare* 5

774 A series of Saw Blades, Lance Heads, small Axes, and other objects, *from the Fayoum* 25

775 A similar lot 25

776 A similar lot 25

777 A similar lot 25

778 A similar lot 25

779 A similar lot 25

780 Another lot, similar 25

781 A similar lot 25

782 Another lot, consisting of Axes, worked Flakes, Lance Heads, and other objects, *also from the Fayoum* 20

783 A similar series 20

784 A well-chipped Axe; two parts of flint Armlets; and twenty-two other Implements; *Fayoum* 25

785 Five leaf-shaped Lance Heads; thirty worked Flakes and broken Implements; a finely chipped Arrow Head; and six others; *Fayoum* 42

786 Thirteen fine Arrow Heads; and nine others of coarser workmanship, on two cards; *Fayoum* 22

787 A flint Dagger of Danish type, 4 *in. long, rare*; and sixteen Arrow Heads of unusual form, *some of fine quality*, on card; *Fayoum* 17

788 Twenty flint Arrow Heads, *some imperfect*; *Fayoum* 20

789 Another lot; *same locality* 20

790 A similar lot; *same locality* 20

791 Another lot; *same locality* 20

792 Another lot; *Fayoum* 20

793 Another lot; *Fayoum* 20

794 Three "fish tail" Lance Heads (*two broken*); a Knife with indented grip; and two other Knives, on card, *a good lot* 6

795 A finely chipped broad Knife, with ripple flaking (*broken*); and two Fragments of Knives 3

796 A curved Knife, with serrated edge (*broken*); and a Lance Head, also serrated 2

797 A series of quartzite Implements, of drift type; *found by Mr. Seton Kerr in Somaliland, some fine* 18

798 A similar lot, *some fine* 18

799 An interesting series of chert Implements, many of Moustiers type; *from the same source* 32

800 A similar series 32

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801 Twenty coarsely chipped Implements, of drift type; *found in Madras* 20

802 Six similar Implements; eight Flakes; a Pounder; a perforated Stone; and eight polished Celts; *all from India* 25

DENMARK.

803 Three flint Picks; four tranchet Axes; four Scrapers, and an Axe of ordinary form; *all from the "Kitchen Middens"*; and two others 13

804 A finely chipped Blade, of celt form, 9 *in. long* (*repaired*); a chipped Chisel, with ground edge, 7⅞ *in. long*; part of a Dagger; and a small Lance Head 4

805 A flint Dagger, with wavy ridge on the grip (*repaired*); another, with fish-tail termination to handle; and three lunar Knives, *a good lot* 5

806 A chipped flint Adze and an Axe, of early type, *rare*; a small Pick, *from Wisby*; an Axe, of tranchet form; a polished Gouge; a polished Axe; a perforated Net Sinker; and seven Flakes 14

807 An unusually finely chipped Gouge, of brown flint, 8 *in. long*; and an Axe, of similar workmanship, 10½ *in. long* 2

808 A boat-shaped Axe Hammer; another, of usual type; two polished flint Axes; and a Whetstone, *of the Viking period* 5

SWISS LAKE DWELLINGS.

809 An Axe, of nephrite, showing saw marks at sides, *found at Font, near Estavayer*; seven stone Chisels; a Fragment of decorated pottery; and two other Objects 11

810 A finely chipped Knife, of *Pressigny* flint, *rare*; another, smaller; seven Arrow Heads; a horn Socket; and two bone Pins 12

811 A series of Scrapers, Knives, and other Implements; *from Estavayer and other sites* 33

812 A Nephrite (?) Axe, in horn socket, *from Font*; another, similar, *from Neuchatel*; a diorite Axe, in socket; and two small Chisels, also mounted in horn 5

813 A fine bronze Sickle, of early form; and a good tanged Knife, with curved blade; *both from Neuchatel* 2

814 A very fine bronze Pin, with globular head, having four circular openings at the sides; nine bronze Pins, with decorated heads; a Fish Hook; a coiled Ring; and two other Objects, *a very good lot* 14

815 Ten Spindle Whorls, in stone and pottery, of the bronze period; *from Estavayer* 10

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816 Four worked Flakes; nine unfinished Implements; and six plain Flakes; *all found in Egypt* 19

817 Twelve Flakes, with secondary chipping; and twenty-four plain Flakes; *Egypt* 36

818 A similar lot; *Egypt* 36

819 A series of fifty-one flint Arrow Heads, *found in Ohio and other American localities*, on five cards 51

820 Another series, including some unusually fine examples 40

821 A large grooved Axe, *Illinois*; and five others, *said to have been found at Saint Vincent* 6

822 An Adze, *from Easter Island*; two others, *Solomon Islands*; a Chisel, *Fiji*; and a long obsidian Flake, with trimmed edge, *Admiralty Islands* 5

823 A small Axe; a discoidal Stone, *Arkansas*; three Axes, *New Guinea*; a Chisel, *Pitcairn Island*; and two others 8

824 A very fine and unusually large Adze, and three others; *all from New Guinea* 4

825 Eight finely chipped glass Lance Heads, *from Australia*, on card 8

826 Three glass Lance Heads; three others of chert; and two other Implements, in original shafts; *Australia*, on card 8

827 Four Knives, mounted in gum handles; two Scabbards or Sheaths; a Spear Point; and nine Arrow Heads, in various materials; *W. Australia* 16

828 Two well decorated Boomerangs; four others; a Waddy or Club; three Spear Throwers; and two "Bull Roarers"; *Australia* 12

829 A number of roughly chipped Implements, *from Tasmania*, in various materials *a lot*

830 Two grooved Hammers; and four others, *Australia* 6

831 Ten well-chipped Spear Heads of chert; and four Flakes, some with gum mounting, *Australia* 14

832 Twelve chipped glass Lance Heads; *Australia* 12

833 An unusually large and fine "Ceremonial Axe," of dark stone, with pointed butt, semi-circular cutting edge, and pointed oval section, 17 *in. by* 5½ *in.*; *from New Guinea* 1

834 Three hafted stone Weapons, *Australia*; a wooden Paddle; and a Shield and a slender Club, both decorated 6

835 Four good hafted Adzes; *New Guinea* 4

836 Two hafted shell Adzes, *Admiralty Islands*; a hafted Axe; and another, of jade (?), *both New Guinea* 4

837 Two hafted Adzes, *Fiji*; and a jade (?) Axe, in carved wooden handle, *Samoa* 3

838 A decorated Dancing Club, of canoe form, *New Hebrides*; a carved Adze Handle; and three others 5

839 A Club, made from a sawfish snout, *New Guinea*; two Shields, *Australia*; and another, of plaited cane 4

840 A Quiver of Arrows; four mounted stone Implements, *Australia*; two decorated lime Spoons, of large size, *New Guinea*; and a carved Club, *New Guinea* (?) 8

841 A stone Tomahawk, and another, with metal head, decorated, *both N. America*; two incurved Axes, *Saint Vincent*; a stone Axe, *Togoland*; and a stone Disc, from a digging-stick, *Cape Colony* 6

842 Three carved wooden Clubs, *Fiji*; and a well-carved Spear, with obsidian head 4

843 Five various stone-headed Clubs; *New Guinea* 5

844 A similar lot 5

845 A similar lot 5

846 Eighteen small stone Adzes, *some roughly chipped*; and thirty-three Fragments; *from various New Zealand localities* 51

847 A stone Adze, in elaborately carved wooden handle, *rare*; and another, in a plain handle, *from H.M.S. Challenger expedition*; *both from New Zealand* 2

848 Five "Moa Stones"; six shell Objects; a Scraper, *Nelson*; four small Adzes; and six Fragments; *all from New Zealand* 22

849 A stone Adze, with curious ridge on blade, 9 *in.*; and three small Adzes; *all New Zealand* 5

850 A finely-polished stone Mere, 12 *in. long*; and two well-finished Adzes; *New Zealand* 3

851 An unusually well-chipped Chisel, in basalt, 10½ *in. long, very fine*; and three polished Adzes; *all from New Zealand* 4

852 A fine jade Adze, 7½ *in. long, Auckland*; an Axe, with oblique edge (*found in the Thames*); and a roughly chipped Block, *from the Rakaia encampment*; *all from New Zealand* 3

853 A fine Chisel, in light green stone, 6½ *in. long*; two Adzes, in ordinary material, with highly polished surface; and a small Adze, of jade; *all from New Zealand* 4

854 A flat Blade, of jade, with saw cut on side; and four others, in similar material; *New Zealand* 5

855 An important Tiki, of jade, of unusually good workmanship, 4¼ *in. long, New Zealand* 1

856 Another, in bone, 3 *in. long, rare, New Zealand* 1

857 Three fine Ear Pendants, of jade, *New Zealand* 3

858 Another, of curved form; an Example of rich green colour; and another, in darker material, 4 *in. long*; *New Zealand* 3

859 A number of Implements and Bones, *from the Torbryan Caves, Devonshire*; a chipped Axe, *from the Thames*; twelve fine flint Arrow Heads, *found in Egypt*; three various polished Axes; and seven others *a lot*

860 Four ribbed glass Balls, *from India*; a Fish Hook and two decorated Rods, *from West Australia*; six recently mounted Implements; and two others 15

861 Five Chinese Armlets; five Charms; and two Seals, some of jade, on card 12

862 A Chinese Armlet; six Ornaments; and four Rings, all of jade, on card 11

863 Thirteen pigmy Implements, *Yorkshire*; and twenty-four English flint Arrow Heads 37

864 Nine chert Knives; thirty Arrow Heads; and a Borer, *Japan* 40

865 Seven extremely tiny Arrow Heads, *found in Colombia River*; six flint Arrow Heads, and four coarser Implements, *Italy*; two Arrow Heads, *from Finisterre*; and seven Arab Amulets, in carnelian 26

866 Ten Implements, *from the Cape of Good Hope*; and sixty-five Pigmies and tiny Flakes, *from various Indian localities* 75

END OF SALE.

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PLATE I.

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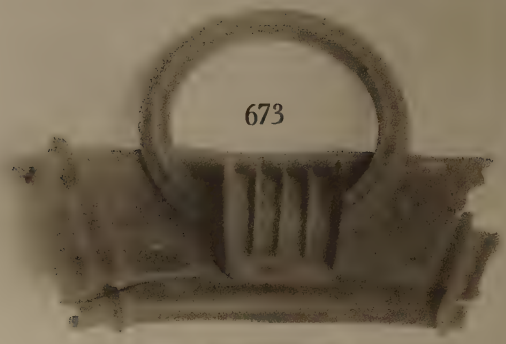

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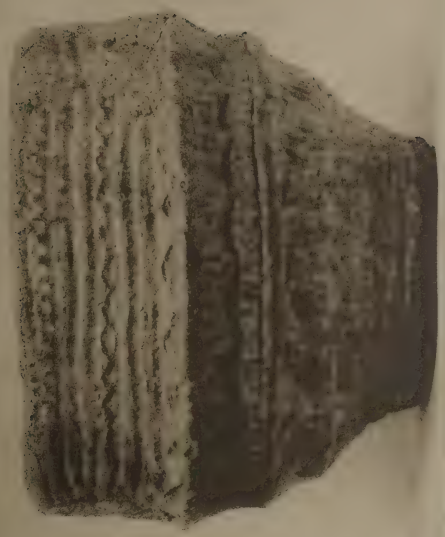

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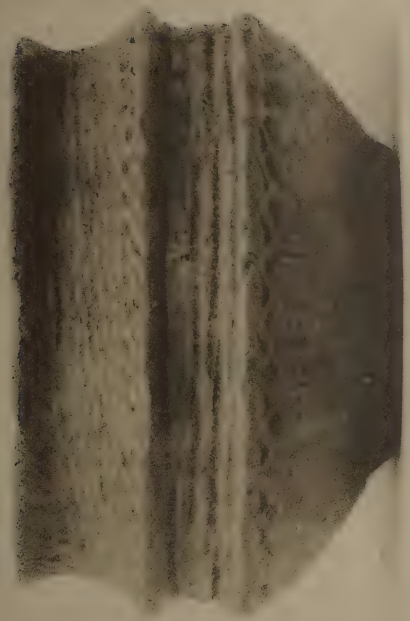

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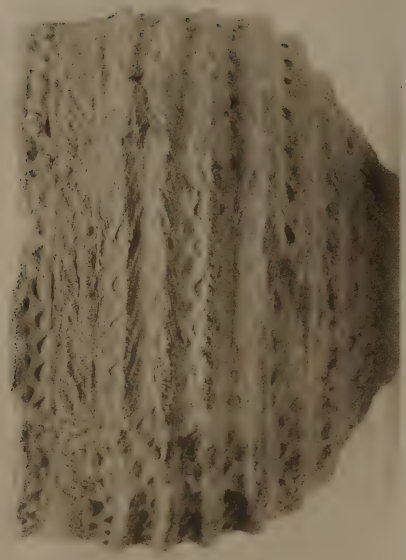

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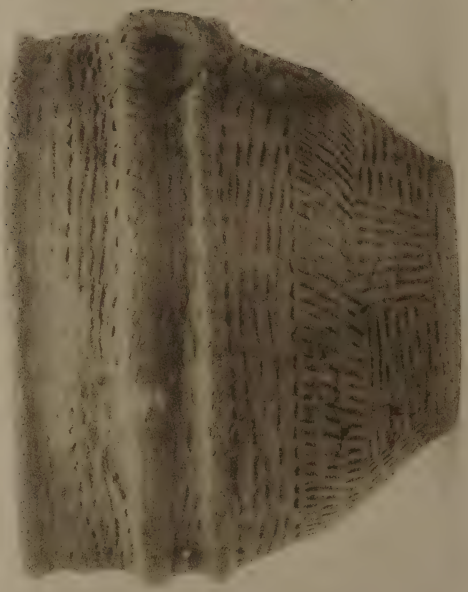

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PREFACE.

THE Collection of the veteran Irish Antiquary, Mr. W. J. Knowles, has been known to Archæologists for many years, and the results of his exploration of the famous inhabited sites of the Neolithic period in Ireland have been published in the Transactions of various learned Societies.

The disposal by auction of such an interesting range of pre-historic objects deserves more than passing notice, and it may also be specially remarked that the opportunity of acquiring figured types of stone and bronze implements does not often occur.

Attention should be called to the splendid series of flint implements, and to the weapons, moulds and pottery of the bronze age. Specimens of such pottery are very rare and difficult to obtain, for those that exist have mostly been retained in Ireland.

The Celtic items in the collection are noteworthy, including bells, fibulæ and pins, and there are also good representative series of implements from Egypt and coun tries other than Ireland, as well as objects of later periods, including savage weapons from New Zealand.

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OF

Pre-historic Antiquities, Etc.

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FORMED BY

W. J. KNOWLES, Esq., M.R.I.A.

of Flixton Place, Ballymena.

FIRST DAY'S SALE.

Monday, November 17th, 1924.

IMPLEMENTS OF THE NEOLITHIC PERIOD FOUND IN IRELAND

(most of the Objects have the Localities marked upon them).

IMPLEMENTS FOUND ON "WORKSHOP" SITES.

THE RIVER BANN.

LOT			
18/- 1	Thirteen good flint Knives; and nine unfinished Spear Heads, on two cards	22	20/- Fenton
18/- 2	Three unusually long Flakes; and eighteen others, with worked butts, on three cards	21	17/-
15/- 3	Twenty-nine Flakes, with worked butts, on two cards	25. ~~29~~	26/-
12/- 4	A hollow Scraper; a Knife; three Cores; two fine Scrapers; two Borers; three plain Flakes; and two trimmed Flakes (*all illustrated in the Journal of the Roy. Irish Academy, vol. XXX, plates* 12-14).	14	24/- Lawrence

20/- 5	A fine Knife; two Scrapers; three Cores; five Borers; three plain Flakes; and a Knife with incurved cutting edge (*all illustrated in the same Journal as previous lot*)		38/- Naylor
15/- 6	Eight flint Axes of "Kitchen Midden" type, *rare*	8	26/- Naylor
15/- 7	Eight hollow Scrapers; eight Borers; and four knives, *all good specimens*	20	28/-
8/- 8	A similar lot, *also good*	20	24/- Fenton
8/- 9	Another lot, *also good*	20	18/-
12/- 10	Six unusually good Scrapers, *found together at Port Glenone*; four Cores; six Knives; and four "Points," *a good lot*	20	24/-
12/- 11	Twenty tanged Knives; a Scraper; two Fabricators; twelve other Knives; and six pointed Implements	40	28/- Elder
12/- 12	A similar lot	40	24/- Lawrence
10/- 13	A similar lot	40	28/- Elder
10/- 14	A similar lot	40	24/- Elder
15/- 15	A similar lot	40	20/-
7/- 16	A similar lot	40	28/- Naylor
16/- 7/- 17	A similar lot	40	18/- Lawrence
16/- 6/- 18	A similar lot	40	16/- Willis
6/- 19	A similar lot	40	16/- Willis
10/- 20	A simila lot	40	24/- Naylor
25/- 21	An unusually fine Borer or Pick; a large Flake, with worked sides; four Fabricators; two Cores; two Scrapers; ten tanged Knives; sixteen "Points"; a flint Adze; and a small Axe	40	24/- Naylor
20/- 22	A curious flint Chisel, with ground edge, *rare*; a smaller example; four roughly chipped Axes; a Pick; ten pointed Implements; and four others	21	32/- Naylor
20/- 23	A curious Core, with palæolithic patina, *found at Culbane*; twelve other Cores; three hollow Scrapers; ten Knives; twelve "Points"; and twelve typical Flakes	50	22/- Naylor
15/- 24	Twelve Cores; seven "Points"; six Knives; and twenty Flakes	45	~~18/-~~ 24/-
10/- 25	A similar series	45	18/-
12/- 26	Another series	45	16/-
15/- 27	Thirteen Cores; six "Points"; six Knives; and twenty-five Flakes	50	28/- Naylor

22/-	20/- 28	Twenty Cores; six Knives; and fifty Flakes	76	
20/-	25/- 29	One hundred typical Flakes	100	
26/-	20/ 30	One hundred-and-thirty similar Flakes	130	26/- Wilter
	15/- 31	One hundred others	100	20/- Fenton
	32	One hundred others, with secondary chipping, *an interesting lot*	100	26/- Lawrence
20/-	20/ 33	Eighty-one others, many with secondary chipping, *including one illustrated in Jour. R. I. A., vol. XXX, pl.* 12, *fig.* 11	81	
	15/- 34	Thirty very fine Flakes; *found in the Bann at Coleraine*	30	2/4/- Naylor
	15/- 35	Eighty unusually fine Flakes, some with secondary chipping (*one illustrated*)	80	18/- Lawrence
	20/- 36	A coarsely chipped "Point" of Moustierian form; *found at Culbane, rare* (*Ill. in Jour. R. I. A., vol. XXX, pl.* 13, *fig.* 42)	1	60/-
	20/- 37	Ten Axes of "tranchet" type; *found in the Bann, rare*	10	2/12/- Naylor
	20/- 38	Another series	10	24/- Eddie
22/-	15/- 39	Another series	10	22/- Wilter
22/-	15/- 40	Another series	10	22/- Wilter
26/-	20/ 41	An Implement, with palæolithic patina; and nine "tranchet" Axes	10	26/- Wilter
	20/ 42	A finely worked "Point" (*Ill. Jour. R. I. A., vol. XXX, pl.* 14, *fig.* 44); a finely chipped "tranchet" Axe (*Ill. R. S. A. I., vol. III, pl.* 144, *fig.* 6); another (*same Journal, fig.* 7); two Ovates; and six "tranchet" Axes	11	2/10/-
22/-	25/- 43	A series of polished Axes and other Implements, *some doubtful*	13	
	15/- 44	Twenty stone spindle Whorls	20	38/-
40/-	40/- 45	Twelve plain Hone Stones; and eight others, with perforations	20	
	40/- 46	A similar lot	20	4/2/6 Naylor
2/18/-	35/- 47	Ten plain Hones, and ten perforated examples	20	2/10/-
	35/- 48	Seven plain Hones; two perforated "tracked" Stones; six perforated Hones; a stone Pendant; a decorated Stone, with two perforations; and a grooved Whetstone	18	4/17/6 Naylor
26/-	7/- 49	Fifty Flakes, some with secondary chipping	50	26/- Wilter
	35/- 50	A Handle for an implement, made from the root of a tree, of globular form, with conical socket for the insertion of a flint, 2 *in. long*; *found at Culbane, extremely rare, if not unique* (*Ill. Jour. R. I. A., vol. XXX, pl.* 13, *fig.* 24)		40/-

WHITE PARK BAY SITE.

51	A series of Cores, Scrapers, and other Implements	*about* 100	
52	A similar series	*about* 100	
53	A small Slab of Chalk, with two deep grooves on one face; and a series of side and end Scrapers	38	
54	A series of Scrapers, including some hollow varieties; and several small Axes	*a lot*	
55	Seven tanged Arrow Heads; two Scrapers; and a Flake (*several illustrated in Jour. R. I. A.*)	10	
56	Sixteen Scrapers (*also illustrated*)	16	
57	A tanged Implement (*illustrated*); a fine leaf-shaped Arrow Head; seventeen Knives; and twenty-five other Implements	44	
58	Seventeen Knives; sixteen Arrow Heads, of varied types; and seven other Implements; *all found at Portstewart*	40	
59	A series of notched Scrapers, and Knives; *White Park Bay*	38	
60	Three well chipped Knives; fourteen Borers; and seven other Implements	24	
61	Two polished Axes; fifteen Hammer Stones; two perforated Implements; a fine Knife; a Flake (*illustrated*); seven Cores; and twenty-six other Implements	54	

PORTSTEWART SITE.

62	Fifty Scrapers; twenty Cores; and thirty Flakes	100	
63	Two Axes of "Midden" type (*one Ill. Jour. R. I. A.*); ten Knives; five Pounders; and thirty-one other Implements, *some good*	48	
64	Five "steep-ended" Scrapers; another, with palæolithic patina; and seven ordinary examples, *all good*	13	
65	A series of Scrapers, of varied types	*about* 150	

66	Twenty-five broken Arrow Heads; and a number of Cores and Scrapers; *found on Dundrum Sandhills*	57	
67	An interesting series of roughly chipped Implements of basalt, many of scraper form; *found at Tievebullagh*	30	
68	Fourteen Implements, of quartzite; *found at Maghera*	14	

(6/-) 30/- (69) Sixteen small Pebbles, *found together at Portstewart*; nine Cores and twenty-six Flakes, *from Dundrum*; and fifteen others, *some from Portstewart* 66

(20/-) 35/- (70) A group of Scrapers and Flakes, *from the "black layer" at White Park Bay*; and six Flakes of light weight, *from Culbane* *a lot*

35/- 71 Three tanged Knives; a chisel-ended Arrow Head; a Scraper; a Hammer Stone of quartzite (*Illustrated R. I. A.*, 1901); and a number of other Implements; *found on the sandhills at Narin, Co. Donegal* *a lot* 40/- Naylor

FROM THE "AXE FACTORY" AT TIEVEBULLAGH, NEAR CUSHENDALL, CO. ANTRIM.

(2/8) 75/- (72) One hundred "Axes in the making"; and twenty spherical Hammer Stones, all of basalt 120

(48/-) 65/- (73) A similar series 120

50/- 74 A similar series 120 2/16/- Heller

40/- 75 Another series 120 2/6/-

(38/-) 40/- (76) Another series 120

(46/-) 50/- (77) Another series 120

40/- 78 Another series 120 2/4/- Heller

30/- 79 Another series 120 2/6/- Fenton

(2/4/-) 50/- (80) Another series 120

(2/8) 50/- (81) Another series 120

(34/-) 30/- (82) Another series 120

(32/-) 40/- (83) Another series 120

(3/15/-) 50/- (84) One hundred unfinished Axes 100 4/5/- Willis

25/- 85 One hundred, similar 100 3/5/- Fenton

25/- 86 Another lot, similar 100 30/- Fenton

30/- 87 Another series 100 34/- Heller

(40/-) 30/- (88) Another series 100 40/- Willis

25/- 89 Another series 100 30/- Heller

(36/-) 30/- (90) Another series 100 36/- Willis

(32/-) 20/- (91) Another series 100 32/- Willis

(46/-) 30/- (92) A number of broken Axes; others "in the making"; a few flakes; and some rather well-chipped examples of unfinished Axes, all in basalt 129 2/6/- Willis

20/- 93 A series of Needles and other Bone Implements, *chiefly found at White Park Bay*; Bones of the Great Auk and the Gannet, *also from White Park Bay* *a lot* 7/5/- Foster

7/10/- 5. 40/- 94 Two perforated stag-horn Implements, *rare*; a piece of Horn with cuts on side, and a Flint found with it (which fits the cuts); two notched Bones; a Tusk; two parts of Horn Picks; Human Bones; and six decorated fragments of Bronze Age Pottery; *all found at White Park Bay* *a lot* 7/10/- Willis

8/10/- 60/- 35/- 95 Several worked Bones and fragments of Stag's Horn; decorated fragments of Pottery, *from Portstewart*; Pottery Fragments, *from Dundrum*; and a small box of Teeth and Shells, *from Narin* *a lot* 8/10/- Willis

65/- 30/- 96 A lump of Red Ochre, *found at Culbane*; a Celtic Bronze Pin, with decorated head, *Portstewart*; specimens of Mud, *from Lisnacroghera Crannog*; Red Paint, *found at Portstewart*; three early Palettes; four lumps of Ochre; and a perforated Stone Pendant, *all from White Park Bay, an interesting lot* *a lot* 3/5/- Willis

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35/- 97 Sixty Flint Objects, considered by Mr. Knowles to be Eoliths, showing various stages of chipping (one having marks of glaciation on its flaked surface), *from Larne and other localities* 60 8/5/- Naylor

26/- 35/- 98 Sixty other similar Objects, *same localities* 60

28/- 50/- 28/- 99 Fourteen pick-shaped Implements: thirteen Flakes and five Cores, with palæolithic patina, *from Larne, etc.* 29 28/- Willis

30/- 30/- 100 A similar lot 29

ARROW HEADS & OTHER IMPLEMENTS OF FLINT,

FOUND IN COUNTIES DOWN AND ANTRIM.

25/- 101 Sixteen very fine barbed Arrow Heads; and five others, with indented bases, on three cards 21 4/1/- Elder

75/- 102 Forty-eight barbed and stemmed Arrow Heads; and forty-one others, in black basalt? of varied types, *found at Ballinaloot, rare*, on six cards 89 8/5/- Naylor

4/4/- 5. 50/- 103 Nine kite-shaped Arrow Heads; nine good examples of large barbed Arrow Heads; twelve stemmed specimens; eighteen indented examples; and nine others, on six cards 57 4/8 Willis

5/10/- 7. 75/- 104 Thirteen fine large barbed Arrow Heads; and forty-seven others, of varied types, on five cards 60 5/10/- Willis

8. 80/- 105 Ninety-two Arrow Heads, of varied types, on six cards, *some good* 92 — 6/15/- Willis

9. 80/- 106 Ninety-five others, of varied types, on five cards, *some fine* 95 — 8/10/- Willis

7. 70/- 107 Eighty-eight others, similar, on five cards, *some very fine* 88 — 8/15/- Hellor

8. 40/- 108 Fifty-seven others, of varied types, on five cards, *some good* 57 — 5/10/- Elder

9. 40/- 109 Sixty-three others, some with polished faces, on five cards, *a very good lot* 63 — 7/5/-

5. 50/- 110 Seventy-three others, some rare forms included, on six cards 73 — 6/15/- Willis

50/- 111 Seventy-six others, varied, on five cards, *some very fine* 76 — 6/5/-

40/- 112 Fifty-three others, of varied types, some fine examples included, on five cards 53 — 5/- Lawrence

40/- 113 Seven leaf-shaped Spear Heads, of early form; and fifty-eight others, varied, on five cards, *some fine* 65 — 7/10/- Hellor

40/- 114 A fine Lance Head, 5 *in. long*, with both faces ground; five others; and fifty-eight specimens, of varied form, on five cards 64 — 6/-/- Lawrence

40/- 115 An extremely interesting leaf-shaped Arrow Head, showing the scars of the shaft; a barbed specimen, mounted in a piece of an American bone shaft; a fine serrated Arrow Head; and fifty-nine others, on five cards, many fine specimens included 62 — 9/10/- Appleton

50/- 116 Sixty-one varied examples of Arrow Heads, on five cards, *some fine* 61 — 5/10/- Hellor

75/- 117 Nine unusually fine lozenge-shaped Lance Heads, some of early form; and fifty-six others, of varied types, on five cards 65 — 7/-/- Lawrence

118 Sixty-nine selected examples of Arrow and Lance Heads, some extremely fine lozenge and other forms included, on five cards 69

50/- 119 Nine good lozenge-shaped Lance Heads, some partly ground; and sixty-nine others, of varied types, on five cards 78 — 5/18/- Lawrence

80/- 120 An extremely fine leaf-shaped Lance Head (*used in curing cows*); and eight others, *all fine*, on one card 9 — 10/-/- Naylor

*** The "elf dart," or arrow, was popularly credited in Ireland with having the power to cure sick cattle. (*See Evans' Ancient Stone Implements, second edition, p.* 365).

70/- 121 A lozenge-shaped Lance Head, in dark flint, having a light-coloured scar in the centre of the blade, 3¼ *in. long, found in Craig Bog* (*see Jour. Soc. Ant. of Scotland, vol. XLIII, fig.* 3, *p.* 280); — 20/-/- Lawrence

LOT 121—*continued.*

another of more slender form, with a similar scar (*also illustrated*); and two others, with scars; *all found in Co. Antrim*, on one card 4

*** The interesting missiles showing the scar of the original arrow shaft, are *of the highest rarity.*

50/- 122 Portion of the wooden Shaft of an arrow head, with the original binding of sinew, *found in Kanes Town Bog, also of the highest rarity* (*see Jour. Anth. Inst., vol. XXXIII, p.* 55) 8/- Naylor

50/- 123 A leaf-shaped Lance Head, showing scars of the shaft, 3 *in. long, found at Curncarney, near Kells*; and another of broad lozenge form, with similar scar, *also of great rarity* 2 10/- Naylor

30/- 124 Two others of javelin head type; and two smaller specimens, all showing similar scars; *Co. Antrim* 4 6/10/-

6/15/- 5. 50/- 125 A coarsely chipped lozenge-shaped Flint used for curing cattle; *from Craigbally* (*see previous note*); and two small Arrow Heads 3 6/15/- Wilkin

35/- 126 Twenty-five selected Arrow Heads of varied types, *all very fine* 25 3/5/- Elder

20/- 127 A similar lot 25 4/- Lawson

20/- 127A A similar lot 25 5/- Fenton

30/- 128 A similar lot 25 6/- -

30/- 129 A similar lot 25 5/10/- Newal

30/- 130 A similar lot 25 6/- Elder

30/- 131 A similar lot 25 4/15/- Fenton

30/- 132 A similar lot 25 4/10/- Fenton

20/- 133 A similar lot 25 4/5/- Naylor

30/- 134 An unusually fine kite-shaped Lance Head, with extremely delicate chipping, and remains of polishing on the two faces, 6 *in. long*; *found in peat between Bellaghy and Castle Dawson* [Pl. I] 1 25/- Belfast Mus

25/- 135 Another, with strong angular projections towards the base, chipped only (*repaired*), 5¼ *in. long, found at Glenleslie* [Pl. I]; and a finely chipped lozenge-shaped Lance Head, 4 *in. long, found at Ballyvady* 2 10/- Belfast Mus

25/- 136 Another, in grey flint, most delicately flaked, with polish on both faces, 5⅞ *in. long*; *found at Tyhorney* [Pl. I] 25/- Belfast Mus

*** Both Nos. 134 and 136 are illustrated in *Jour. Anth. Inst., vol XXXIII, pl.* XI.

20/- 137	A finely chipped Knife, $3\frac{3}{4}$ *in.*; three "Points à cran" of Solutré type; nine Arrow Heads; two other Knives; four other Implements, *found at Portstewart and Grangemore*; a leaf-shaped Lance Head; and a leaf-shaped Blade, $3\frac{5}{8}$ *in. long, found at Watercloney, both fine*	21	2/10/- Hellor
35/- 138	An interesting series of seventy leaf-shaped Arrow Heads; *Co. Antrim*	70	40/- Elder
139	A similar series	69	
35/- 140	Another series	70	3/15/- Elder
141	A similar lot	70	
142	A similar series	70	
143	A similar lot	70	
144	A similar lot, *some fine*	70	
145	A similar lot, *some fine*	70	
4/10/- 70/- 60/- 146	Another series, chiefly of the barbed and indented types, *some fine*	70	4/10/- Willis
30/- 147	Another series, similar	70	37/- Elder
148	Another lot, similar	70	
149	Another lot, similar	70	
50/- 150	Another lot, similar	70	3/10/-
151	Another lot, similar	70	
4/-/- 152	Another lot, similar	70	
153	Another series of selected varied types	70	
154	A similar series	70	
50/- 155	A similar series, *very good*	70	4/-/- Lawrence
156	A similar lot, including a tiny example, *all good*	70	
157	A similar lot, *all good*	70	
158	Another good lot, including several serrated examples	70	
159	Another series of varied types	70	
160	Another series, similar, *some good*	70	
161	Another series, several serrated	70	
162	Another series, *some very fine*	70	
163	Another series	70	
164	Another series, *some fine*	70	

165 Another series, *some fine* 70

166 Another series, *many fine*, including a fine lozenge-shaped Arrow Head 70

167 A similar series, *some very fine* 70

168 Another lot, chiefly of leaf form, *some very fine* 70

169 Another series, *some very fine* 70

170 Another series, including many barbed varieties 70

171 An interesting series, including a lozenge-shaped Lance Head of unusual size, and some rarer varieties of Arrow Heads 70

172 Another lot, including many fine barbed specimens 70

173 Another lot, some fine Lance Heads included 70

174 Another series, including many varieties 70

175 Another lot, varied types, *some very fine* 70

176 Eighty-seven leaf-shaped Arrow Heads of varied types 87

177 Another lot, similar 87

178 An interesting series of leaf-shaped, indented and partly finished Arrow Heads; *Co. Antrim* 114

179 Another series of Arrow Heads of varied forms, some of rich red colour, others made of basalt (?), many of them beautifully chipped; *all with Antrim localities* 70

180 Another series of varied forms; *found at Culbane* 50

181 A lot of fifty-three Knives, Spears and Arrow Heads, some in process of manufacture 53

182 Another series of Spear Heads, showing various stages of manufacture 66

183 A large series of Spear and Arrow Heads, tanged and barbed, and leaf-shaped; *found in the Bann* 115

184 A very fine leaf-shaped Lance Head, $4\frac{1}{2}$ *in. long*; another of lozenge form, $3\frac{3}{4}$ *in. long*; a Knife, with grinding on one face; and eight others; *all from Antrim, a good lot* 11

185 Another lot, similar 20

186 A similar lot 27

187 A similar lot, some fine examples included 21

188 Another lot, similar 37

50/- 189	A Spear Head, of elongated kite form, well chipped, of unusually large size, 7½ *in.*; *found at Carndoo* (*Ill. Jour. Anth. Inst.*, *vol. XXXIII*, *pl.* VIII) [Pl. I]	1	10/-/- Belfast Mus
25/- 190	Implement, of broad leaf form, well chipped, 6⅞ *in. long*; *found at Brougham* (perhaps an unfinished axe), *interesting*	1	6/10/- Belfast Mus
191	Twenty very fine chipped Knives, of varied form	20	
192	A similar lot	20	
193	Another lot, *very fine*	30	
194	A selection of leaf-shaped Knives; tanged examples; and Borers, *all good*	40	
195	A similar lot	40	
196	A similar lot	40	
197	A similar lot	40	
42/- 60/- 025/- 198	A similar lot	40	42/- Willett
199	A similar lot	40	
200	A similar lot	40	
201	A similar lot	40	
3/10/- 202	Fifteen unusually fine leaf-shaped Knives; and six unfinished Knives or Spear Heads, on two cards	21	
7. 80/- 203	Fifteen tanged Knives; and ten unusually fine leaf-shaped Knives, on two cards	24	4/15/- Willett
3/15/- 75/- 45/- 204	Another series, varied, on four cards	36	3/15/- Willett
3/10/- 5. 50/- 205	A fine serrated leaf-shaped Knife; twenty-one others; and twelve tanged Knives, on three cards	34	3/10/- Willett
206	Another series, assorted	50	
207	A similar lot	50	
208	Twenty selected examples of Knives	20	
209	A similar lot	20	
210	A similar lot	20	
60/- 211	A similar lot	20	
212	A similar lot	20	
2/12/6 213	Seventeen fine Knives; three very fine tanged examples; and seven very fine Borers	27	

214	A Knife, of chipped flint, with rounded sides and square end, of unusually fine workmanship, $3\frac{7}{8}$ *in. by* $3\frac{1}{4}$ *in.*; *found in Carrick Bog, extremely rare* [Pl. I]	1
215	Another, of similar form, with ground surface, $3\frac{3}{8}$ *in. by* $3\frac{1}{8}$ *in.*, *Glenish*; and part of another, *also rare*	2
216	Another, similar, of good form, partly polished, with one side straight, $2\frac{3}{4}$ *in.*; and another, smaller; *both from Glenleslie*	2
217	Another, with semi-circular cutting edge and well ground surface, $2\frac{1}{2}$ *in. by* $2\frac{1}{2}$ *in.*, *from Glarryford*; and another, equally fine, *from Glenbush* [Pl. I]	2
218	Three ground Knives, of unusual type, *from Culbane and Portglenone, also rare*	3
219	Four others, in good condition, *Portglenone and Kilrea, also rare*	4
220	Another, of discoidal form, well chipped, $2\frac{1}{2}$ *in. diam.*, *Rathkenny*; and four others	5
221	A leaf-shaped Lance or Knife; six Knives, some ground; and a large Scraper	8
222	Forty leaf-shaped Knives, many good specimens included	40
223	A similar lot	40
224	A similar lot	40
225	Forty others, similar	40
226	A similar lot	40

SECOND DAY'S SALE.

Tuesday, November 18th, 1924.

LOT			
227	Twenty very fine leaf-shaped Knives	20	
228	Twenty similar	20	
229	Another lot of Knives, *also fine*	26	
26/- 230	A large series of Scrapers; *from the Sandhills at Dundrum*	*about* 350	30/- Hing
28/- 231	Thirty good Scrapers, *Culbane*; and over one hundred others, *found at Dundrum*	*about* 130	28/- Hing
40/- 232	A hoard of fine Scrapers, of varied types; *found in Carriff Bog*	70	5/-/- Naylor
34/- 233	Another hoard; *from Tullynahinion*	60	3/5/- Hannay
60/- 234	A similar find; *from Carriff Bog*	40	4/-/- Naylor
40/- 20/- 235	A large number of Scrapers; *found at Glenleslie and other localities*	*a lot*	3/5/- Dillon
20/- 236	A similar series	*a lot*	2/18/-
237	Forty selected Scrapers, *all fine*	40	
238	Another series, *equally good*	40	
40/- 239	Thirteen hollow Scrapers; a Knife; three others, *found at Three Towns Braid*; sixteen hollow Scrapers, *found under a stone at Glenhead*; and eight Implements, *from Maghery, an interesting lot*, in three boxes	41	5/-/- Naylor
40/- 5/- 240	Sixty-five hollow Scrapers, with semi-circular notch in the blade (some serrated), probably used for smoothing arrow shafts and bone pins	65	
30/- 241	About 260 small Scrapers; *all found in Ireland*		2/16/- Hacker
40/- 242	A hoard of 138 Scrapers; *found together at foot of a peat bank at Glenhead*, 1911	138	6/10/- Naylor
50/- 243	A series of Scrapers, some circular, others hollow, some of button form, and others; *Cullybackey, and other localities*, on ten cards	131	5/10/- Hacker

20/-	244	Five fine ochreous Scrapers, *found together near Connor*; and five others, *found at Dunboy*	10
30/-	245	A hoard of seventeen fine Scrapers; *found together in a hole in a bog at Beggarstown*	17
30/-	246	An interesting series of hollow Scrapers, some serrated	50
	247	A similar lot	50
20/-	248	Another lot, *equally good*	50
	249	Another lot	50
	250	A similar series	50
	251	Another lot, similar	50
	251A	Another lot, similar	50
	252	Another series	50
	253	Fifty others	50
	254	Fifty others	50
	255	Fifty others	50
	256	Fifty others	50
24/-	39/- 257	Fifty others	50
50/-	258	Fifty others	50
	259	Fifty others	50
	260	Fifty others	50
	261	Fifty others	50
	262	Fifty others	50
	263	Fifty others; two other Scrapers; a Knife; and two Flakes	55
40/-	80/- 264	Fifty-two tanged Knives of flint	52
48/-	54/- 40/- 265	Thirteen barbed Arrow Heads; and thirty-seven others, of varied types, *all good examples*	50
42/-	30/- 266	A similar varied series	50
	30/- 267	Another lot, similar	50
	30/- 268	A similar series	50
	20/- 269	A smaller series	36
	30/- 270	Another series, including many barbed varieties	40
30/-	75/- 271	Thirty tanged Knives, *some good*	30

20/- 272	Sixteen leaf-shaped Arrow Heads; an indented variety; two Borers; a Knife; and a dumbbell-shaped stone object; *all found at Culbane*	20	24/- Heller
273	Thirty good Flakes, many of them used as saws, *all with localities*	30	
14/- 274	A similar series	30	
34/- 35/- 30/- 275	A fine leaf-shaped Knife with serrated edge; a combined Saw and Scraper; and twenty-two good Flakes, some used as saws	24	34/- Weller
276	Twenty-six Knives and other Implements, *found in the River Bann, several very fine*; and three chipped Axes, *Glenleslie and Cushendall*	29	
2/6/- 80/- 277	A finely formed stone Disc with sharp edges; and seventeen others, similar, with flattened sides, *many from Ballymena, an interesting lot*	18	
25/- 277A	Twenty slug-shaped Knives; and twenty-five tanged Knives	45	32/- Lawrence
46/- 30/- 25/- 278	Twenty-two slug-shaped Knives; and twenty-eight tanged Knives	50	45/- Weller
279	Another lot, similar	50	
30/- 280	A similar lot	50	
281	A similar lot	50	
28/- 50/- 282	Fifty tanged Knives of flint	50	
24/- 25/- 283	A similar lot	50	
24/- 20/- 284	Another lot, similar	50	
20/- 285	A similar lot	50	26/- Elder
20/- 20/- 286	A similar lot	50	
28/- 20/- 287	A similar lot	50	28/- Weller
40/- 288	Twenty-one small flint Borers; *Culbane*	21	48/- Naylor
50/- 289	Thirty-three pigmy Implements; *Culbane, rare*	33	~~3/6/-~~ Naylor
40/- 290	Twenty Borers and Pigmies; *Culbane and other localities*	20	60/- Naylor
40/- 291	Thirty-four Pigmies of varied types; *Culbane*	34	3/10/- Naylor
35/- 292	Nine Pigmies (*all figured in the Journal of the R. I. A., vol. XXX, pl.* 13)		40/- Naylor
30/- 40/- 293	Nine fine tanged flint Flakes or Spear Heads; *from Cos. Antrim and Derry*, on card	9	
40/- 294	Eleven fine Knives; and sixteen good Borers, *from the same localities*; on two cards	27	40/- Heller

295	Sixteen triangular Knives; and Fifteen very fine Borers; *Cos. Antrim and Derry*; on two cards	31	
296	Twenty good tanged Knives; and thirteen tanged Flakes and Knives; *from the same localities*	33	
297	Two unusually good oval Knives; two Implements of unusual form; small polished Axe, *from Craigs*; and three small polished Axes, *found together in the Bann*	8	
298	Four unusually fine Saws, *rare*; four worked Flakes; and nine unfinished Spear Heads; on two cards	17	
299	Twelve unusually fine Scrapers; and a fine leaf-shaped Knife; *found in Co. Antrim*; on card	13	
300	A large series of Flint Scrapers; *from various Irish localities*	*about* 300	
301	A similar series	*about* 300	
302	Another series	*about* 300	
303	A similar series	*about* 300	
304	A similar series	*about* 200	
305	A number of Cores of varied types; *found at Culbane*	75	
306	An interesting series of small Flakes, *same locality*	*about* 210	
307	A large series of Flakes, including a number with secondary chipping; *found at Clough and other localities*	*about* 250	
308	Six Flakes, *found in a fort at Kells*; and five good Saws, *from various localities, rare*	11	
309	A Saw, *found at Kanestown* (*Ill. Jour. R. I. A.*); and fourteen others	15	
310	Eleven Saws, *some doubtful*	11	
311	A similar lot	11	
312	A series of chipped Axes, Scrapers and other Implements; *found at Tievebullagh*	37	
313	A series of about two-hundred-and-twenty small Flakes; *found at Culbane*	220	
314	Another series of 100 larger Flakes, some with secondary chipping at the point, *Culbane*	100	
315	Twenty-eight triangular Flakes, *found together at Mosside*; and six other Flakes, *unusually good*	34	

316 Forty-seven Arrow Heads; a Knife; and three Flakes; *some of doubtful antiquity* 51

317 Fifty flint Knives; *from various localities* 50

318 Fifty others 50

319 A similar series 50

320 A similar lot 50

321 Sixty-three others 63

25/- 322 Two-hundred flint Scrapers of varied types 200 2/6/- Laurence

15/- 323 A similar lot 200 30/- Keeler

25/- 324 Another lot, similar 200 32/- Keeler

20/- 325 A similar lot 200 30/- Keeler

(40/-) 40/- 30/- 326 A similar lot 200 40/- Walter

(42/-) 40/- 327 Forty Cores; and nineteen worked flint Flakes, *some good* 59

25/- 328 Thirty-five Flint and other Implements, some of cave forms (*including a few from Somaliland for comparison*), on four cards; *an interesting lot* 35

329 Twenty well chipped flint Implements, suggesting the Moustier point, *various localities* 20

(16/-) 25/- 330 A similar lot 20

(24/-) 25/- 331 A similar lot 20

(16/-) 30/- 332 A similar lot 20

(42/-) 30/- 333 Five fine Points; and eighty-nine Scrapers of varied types 94 2/8/- Walter

(12/-) 40/- 334 Five tiny Borers; thirteen pigmy Implements; and thirty-nine tiny Flakes; *from Castlerock and Portstewart, Co. Donegal* 57

30/- 335 Three tiny Borers, *Castlerock*; four tiny Scrapers, *Bundoran*; four others, *Dundrum*; and a number of tiny Flakes, *various localities* *a lot* 10/- ?

(24/-) 35/- 336 Seventy flint Scrapers, of selected types 70

337 A similar lot 70

338 A similar lot 70

339 A similar lot 70

(24/-) 40/- 340 Sixty-five others, many of them with deep notches in the outline; *from White Park Bay and other localities* 65

341 A series of fifty fine Scrapers, including two of unusual size 50

342 Another series, *some fine* 100

20/- 20/- 343 A similar series 100

22/- 35/- 344 Another series 100

345 Another series 100

346 Another series 100

22/- 20/- 347 A similar series 110

20/- 30/- 348 A similar series 110

STONE AXES AND HAMMERS.

FOUND IN COUNTIES ANTRIM AND DERRY.

50/- 349 A well polished Axe, of diorite, $6\frac{1}{8}$ *in.*, *Culbane*; another, in basalt, highly polished, 6 *in.*, *Bushmills*; and five others; *a good lot* 7 2/15/- Lawrence

50/- 350 A well formed Axe, of rounded section and slightly flattened sides, $6\frac{1}{4}$ *in.*, *Antrim*; another, of broad form, with expanding edge, $6\frac{1}{4}$ *in.*, *Coleraine, very fine*; and four others 7 2/18/- Fenton

34/- 50/- 351 A large Axe, $9\frac{1}{2}$ *in.*, *Bann*; another, $6\frac{7}{8}$ *in.*, *Kanestown*; and seven others 9

60/- 352 A good Axe, of broad form, of diorite, $6\frac{1}{4}$ *in.*, *Cushendall*; an adze, of basalt, *rare*; an Axe, of light stone, with flattened sides, $6\frac{3}{4}$ *in.*; and six others 9 3/5/- Sellor

48/- 5/- 353 A small Axe, *found near Cullybackey on a grinding-stone*; another, suggesting the early form of bronze axe, $3\frac{3}{4}$ *in.*; and seven others 9

50/- 50/- 354 A finely ground polished Axe, of basalt, with narrow cutting edge, 8 *in.*, *found near Kilrea*; another, in basalt, of good broad type, $7\frac{1}{4}$ *in.*, *Braid*; and seven others 9

3/12/- 75/- 355 A well formed polished Axe, of diorite, $5\frac{1}{2}$ *in.*, *Forks Bridge*; three others, of fine quality; and five others, of varied types 9

40/- 356 An Axe, in basalt, with flattened sides, 5 *in.*, *Portglenone*; another, of almond form, *Glarryford, rare*; and ten others 12 2/10/- Charlton

50/- 40/- 357 A small Implement, with gouge-like edge, *rare*; another, of oval outline, *Ballycarry*; and ten others 12 2/10/- Wallis

50/- 358 A basalt Axe, of good form, $6\frac{1}{2}$ *in.*, *Lavin Bog*; a very fine example, with oval section, $7\frac{3}{4}$ *in.*, *Watercloney*; and five others, *all good* 7 3/10/- Leslie

40/- 359 Another, in basalt, with oblique cutting edge, $6\frac{1}{4}$ *in.*, *Carncastle*; a narrow example in light stone with pointed butt, $7\frac{1}{2}$ *in.*, *Ballymoney*; and five others; *all good* 7 — 2/10/-

(40/-) 70/- 360 Twenty-one polished stone Axes, *from various localities, some good* 21

(33/-) 60/- 361 A similar lot 21

50/- 362 A well formed Axe, in brown stone, 4 *in.*, *found on the shore of the Bann*; another, in basalt, well polished, $4\frac{7}{8}$ *in.*, *Rathlin*; and ten other Axes, of small size; *all good examples* 12 — 3/5/- Charlton

30/- 363 Twenty-one Axes, of varied types 21 — 2/8 Elder

(50/-) 50/- 364 A similar lot 22

(22/-) 50/- 365 Seventeen others, *some good* 17

40/- 366 A very fine polished Axe, of basalt, with broad cutting edge, $7\frac{5}{8}$ *in.*, *found at Six Towns, Co. Tyrone*; five others, of similar type; and an Adze, with pointed butt, *found in the Bann near Portglenone*; *all unusual forms, very fine* 7 — 7/10/- Naylor

40/- 367 Another, in basalt, with broad cutting edge, $5\frac{1}{2}$ *in.*, *fine*; an example in hone-stone (?), with flattened sides, $4\frac{1}{2}$ *in. long*, *Kilkenny*; and five others; *all good specimens* 7 — 3/5/- Heeler

60/- 368 A large Adze, in basalt, partly polished, $10\frac{1}{4}$ *in.*, *from the Buick coll.*; an Axe, in diorite with roughened butt, *Glarryford, rare*; a curious Axe, of oval form; and four others of good size, *a fine lot, and all marked with localities* 7 — 5/5/- Naylor

50/- 369 A finely polished basalt Axe, of narrow type, $7\frac{1}{2}$ *in.*, *Carnstrone*; another, in light stone, with flat sides and pointed butt, 7 *in. long*, *Kilrea*; another, of broader form, 8 *in.*, *Dungiven*; a re-chipped basalt Axe; and three others; *a good lot* 8 — 3/4/- Elder

6. 370 An unusually fine Axe, in black stone, of oval section and somewhat pointed butt, 11 *in. long*, *found at Baltee*; and an unusually heavy and thick Axe, of diorite with ovoid outline, $10\frac{1}{2}$ *in. long*, *found near Cushendall* 2 — 7/10/- Naylor

65/- 371 A finely polished Adze-like Implement with flat sides, $7\frac{1}{2}$ *in. long*, *found near Kilrea*; another, with unusually broad cutting edge and incurved sides (probably of the early bronze age), 7 *in. long*, *found near Randalstown*; and two others 4 — 3/15/- Heller

(3/5/-) 60/- 372 A finely formed basalt Axe, with unusually high polish, 8 *in. long*; another, of good form, 8 *in. long*, *found at Magharabane*; and two others, smaller; *all good* 4

373	An unusually large and fine Axe, of polished basalt, with broad cutting edge, the sides tapering towards the butt, and of oval section; *found near Coleraine* (*see Ulster Journal of Archæology, vol. IX, page* 7, 1903) [Pl. II]	1	
374	An interesting Adze, in basalt, chipped into form and curiously "humped" towards the centre of one face, and tapering gradually to either end, 14½ *in. long; found at Clougheen* (*see same publication*, 1906, *plate* 32, *figs.* 3 *and* 3A) [Pl. II]	1	
375	Another, in brown stone, with broad cutting edge and slightly tapering sides, one face more curved than the other, 12½ *in. long; found at Ballycarry, fine and rare* [Pl. II]	1	
376	Another, with narrow butt and rounded cutting edge, 9¼ *in. long, found at Armoy*; another, 8⅝ *in., found at the foot of Slievegalleon*; another, *from Glenwherry*; and another, 8½ *in. long*; *all good specimens*	4	
377	A roughly chipped Axe, of basalt, with sharp sides, 13 *in.*; *found at Armoy* (*see Ulster Journal of Archæology*, 1903, *vol. IX, page* 7) [Pl. II]	1	
378	A well formed Axe, of basalt (?), with rounded sides and pointed butt, 12 *in. long, found at Culbane*	1	
379	An Axe, of curved form, in light stone, 14 *in. long, with interesting label*; and six other large examples, *some of doubtful antiquity*	7	
380	Twelve others, *some of doubtful antiquity*	12	
381	A selected series of twenty polished Axes, *all good examples*	20	
382	A similar series	20	
383	Another selected series	20	
384	A similar lot	20	
385	A series of twelve Axes; and four Adzes	16	
386	A selected series of twenty Axes	20	
387	Another series	20	
388	A similar lot	20	
389	A similar lot	20	
390	An Adze, of chipped basalt; a Gouge; four Axes, with pointed butts; and three others; *all good*	10	
391	Another series of twenty Axes	20	

2/15/-	70/- 392	Another series, including several of narrow form	20
2/18/-	70/- 393	Another good series, of varied form	20
	70/- 394	A similar series	20
60/-	70/- 395	Two Adzes, in polished basalt; a curious "Side Scraper," in same material; a well-formed Axe, in light stone, with flattened sides; another, with oblique cutting edge; a Gouge, in basalt, *rare*; and four other Axes, *all good*	10
4/10/-	12. 396	An unusually broad Axe, in basalt, $8\frac{1}{4}$ *in. long, found near Coleraine*; two others, of large size; another, with oblique edge; and two others, smaller	6
	80/- 397	An unusually flat Axe, $5\frac{1}{8}$ *in. long, from Lough Mourne*; an Adze, with chipped sides, and ground edge and under face, *from Portglenone*; an unusually narrow Axe, of circular section, $5\frac{1}{2}$ *in. long, Glenisla*; a curious Axe, of oval outline, with sharp sides; a well-finished Adze, *Clough*; and four others	9
2/15/-	70/- 398	A Chisel, in basalt, $3\frac{1}{2}$ *in. long*; an Axe, in light stone, with notches at the side, $6\frac{1}{4}$ *in. long, rare*; a curious basalt Axe, chipped on one face and ground on the other; and nine others, *all good*	12
2/12/-	70/- 399	A well-shaped Adze, in basalt, with pointed butt, $5\frac{1}{2}$ *in. long*; two Gouges, *rare*; and nine Axes, of varied type, *all good*	12
60/-	85/- 400	Four narrow Axes or Chisels; three Adzes; and seven Axes, *a very good lot*	14
3/15/-	50/- 401	Four Adzes; and nine Axes, *all good*	13
4/2/6	[illegible] 402	An Adze, of narrow form, in grey stone, *Portglenone*; two other unusually good Adzes; two Chisels; and eight Axes, *a very good lot*	13
	70/- 403	Five Adzes; a good Chisel; and seven Axes, *also very good*	13
12/-	80/- 404	Forty Axes, in various materials, *some of doubtful antiquity*	40
6/-	60/- 405	Twenty-one small Axes, *some doubtful*	21
4/-/-	75/- 406	A curious broad Axe, with chipped butt; a Burnisher, *found at Glenish*; and twelve Axes, *a good lot*	14
3/10/-	80/- 407	Twenty Axes, of good type, *from various localities*	20
	80/- 408	Twenty-four stone Axes, of curiously light weight (perhaps models); *found in the Bann*	24
3/10/-	80/- 409	A series of twenty Axes, of varied types	20
60/-	70/- 410	A similar lot	20

4/10/- Naylor

4/-/-

4/5/- Hallor

63/- 80/- 411 An Adze, with pointed butt; a chipped Axe, with similar butt; and ten Axes, various 12

3/15/- 70/- 412 A small Adze, with curved cutting edge; three others, larger, of good form; and twelve Axes, *also good* 16

5/5/- 90/- 413 A large series of polished Axes, some interesting examples included 60 5/- Willett

60/- 414 Three Axes, with grooves ("tracks") on the face; a curious Knife-like Object, polished on one face; a good Adze; half a well-chipped Axe, of basalt; and four others, *all of interest* 10 3/10/- Hooker

60/- 415 A well-formed Axe, with roughened butt; a roughly-chipped Axe, in basalt; two Adzes; and eight Axes, *a good lot* 12 3/5/- Sellors

20/- 5/- 416 A Box, containing a large quantity of stone Axes, some in process of manufacture, and some of doubtful antiquity, *an interesting lot* 50

60/- 80/- 417 Twenty-five polished Axes, of various types and materials, many good specimens included 25

3/15/- 70/- 418 A similar lot 25

3/15/- 70/- 419 Another series 25

65/- 420 A similar lot 25 3/10/- Elder

3/-/- 70/- 421 A similar lot 25

65/- 70/- 422 Ten polished Axes, of larger size, and of good form 10

35/- 70/- 423 Twenty others, of good type 20

2/6 80/- 424 Fifteen others, of varied type 15

50/- 70/- 425 Twenty-two others 22

80/- 426 A well-ground Adze, in basalt; a well-chipped Axe, with ground edge, *rare*; a Burnisher; a curious Axe, with depressions at sides and a bored hollow on one face, *rare*; and nine other stone Implements, *all of interest* 14 5/6 Naylor

[illegible]/- 427 A Chisel, in basalt, of good form, 5 *in. long*; five Adzes; a Burnisher; a chipped Chisel, in basalt; a stone Pendant; and sixteen others, *an interesting lot* 25 5/-/- Naylor

80/- 428 An interesting series of Burnishers, in varied material 10 7/5/- Naylor

80/- 429 A similar series, including one with finger depressions on the faces 10 7/10/- Naylor

3/10/- 90/- 430 Three Adzes; a Gouge; and twenty-one polished Axes, *some very good* 25

	50/- 431	Twenty-five polished Axes, *some very good*, and of unusual form	25	3/0 Charlton
	50/- 432	A similar lot	25	60/- Burrows
65/-	65/- 433	A similar lot	25	
	50/- 434	A similar lot	25	3/15/- Beeler
	50/- 435	A similar lot	25	2/18/- Elder
2/15/-	50/- 436	A similar lot	25	
2/18/-	60/- 437	A similar lot	25	
2/18/-	50/- 438	A similar lot	25	
	60/- 439	A similar lot	25	3/7/6 Naylor.
	60/- 440	A similar lot	25	3/5/- Elder
3/5/-	60/- 441	Twenty polished Axes; and five others, of unusually small size	25	
3/5/-	70/- 442	A similar series	25	
	65/- 443	A similar series	25	3/5/-
	70/- 444	A similar series	25	4/-/- Heller
3/5/-	60/- 445	A similar series	25	
	50/- 446	A similar series	25	3/-/- Lawrence
	50/- 447	A similar series	25	3/-/- Heller
	50/- 448	A similar series	25	2/18/- Lawrence

THIRD DAY'S SALE.

Wednesday, November 19th, 1924.

LOT

30/- 449 A flint Axe, straight-sided and square-ended, with sharp sides, of flat section, partly polished, $6\frac{7}{8}$ *in. long*; and another, of same general form, with truncated butt, $7\frac{1}{2}$ *in. long, found together at Clogher, both very fine, and rare in this material* [Pl. I] 2 — 7/-/- Belfast Mus

70/- 450 Another, of flint, unusually well-chipped, with sides tapering to the butt, which is pointed, $7\frac{3}{4}$ *in. long* (*illustrated in R. S. A. I., vol. III, part* II); and another, of lozenge section, also extremely well-chipped, $6\frac{3}{4}$ *in. long, found at Forked Bridge* [Pl. I] 2 — 5/10/- Belfast Mus

65/- 451 A well-chipped flint Adze, $6\frac{1}{8}$ *in. long*; an Axe, with ground cutting edge; two others, of narrow form, chipped only; and one with pointed butt, having the edge ground on one face, *a good lot* 5 — 3/10/- Keller

60/- 452 A well-formed broad Chisel, with ground edge, $6\frac{1}{2}$ *in., found at Maghera*; and another, with extremely fine chipping, $6\frac{3}{8}$ *in., found at Cruckin* [Pl. I] 2 — 4/5/- Fenton

60/- 453 A polished flint Axe, $5\frac{7}{8}$ *in. long, Donegore*; and four others, *all with localities, all good specimens* 5 — 4/5/- Fahey Keeler

60/- 454 An unfinished Axe, in flint; another Axe, well-chipped (*see R. S. A. I., vol. III, part* 2, *page* 126, *fig.* 20); and four others, *all with localities* 6 — 3/5/- Fahey Keeler

70/- 455 A partly-polished flint Axe, of narrow form, $5\frac{1}{4}$ *in. long, found near Clough*; five others, *all with localities*; an Adze, *Ballintoy, rare*; and a Flake, with ground surface 8 — 4/5/- Fahey Beck Mus

70/- 456 A well-formed Flint Pick or Chisel, $5\frac{7}{8}$ *in. long, found at Glenariffe*; another, *Knockans*; another, *Glenaan*; and five chipped Axes 8 — 4/-/- Naylor

60/- 457 Three similar flint Picks; and seven chipped flint Axes, *all with localities* 10 — 4/12/-

(25/-) 25/- 458 Four smaller flint Picks; a curious notched Implement, in basalt; and seven chipped flint Axes 12

(75/-) 45/- 40/- 459 An interesting series of flint Fabricators, Picks and other Implements; and a Flake of Rock Crystal, *found near Cookstown, very rare* 35 — 3/15/- Wilson

50/ 460 A well-formed Axe, with ground edge, $4\frac{7}{8}$ *in. long*; an unusually good Pick, *found at Galgou*; and four others, *all good examples* 6 — 65/- Keeler

40/ 461 An unfinished Axe, of flint, *found at Dungarvey*; a partly-polished Chisel, of good form, $5\frac{3}{8}$ *in. long, Cloughmills*; a well-chipped pointed Implement, $4\frac{7}{8}$ *in. long, Glenish*; an Axe, with straight sides, ground at the edge only; and three others, *with localities marked* 7 — 46/- Keeler

45/ 462 A well-formed flint Chisel, $3\frac{1}{8}$ *in. long*; a narrow Axe, of good form, $4\frac{3}{4}$ *in. long, from Glenleslie*; a partly-polished Axe, $5\frac{1}{2}$ *in., from Kells*; and six others, *all good specimens, with localities* 9 — 42/- Fenton

40/ 463 Two flint Adzes, *rare*; a Chisel with ground edge; and six others, chipped into form, of small size 12 — 2/15/- Keeler

40/ 464 A finely formed flint Axe, with straight sides and ground edge, *found at Armoy*; another, ground all over, with pointed butt, *Culbane*; another, smaller, *Glenleslie*; one of rich red brown colour, *from Three Towns*; and three others, *all with localities* 7 — 65/- Fenton

30/ 465 A well formed Chisel, *from Castlegore*; another, smaller; six small Axes or Chisels; and nineteen others, all of flint 27 — 25/- Keeler

20/ 466 An unusually small polished Implement of oblong form (probably a Knife); two small Chisels; and five small Axes, all of flint, *and found in Co. Antrim, an interesting and unusual lot* 7 — 30/- Keeler

2/10/- 50/ 467 Twenty Axes; and five small Axes or Chisels, all of basalt 25

40/ 468 A similar lot 25 — 2/10/- Clark

40/ 469 A similar lot 25 — 2/14/-

~~£2/-~~ 60/- 40/ 470 A similar lot 25 — 2/8/- Costello

4 60/ 40/ 471 A similar lot 25 — 2/8 Willis

30/- 472 A similar lot 25

34/- 50/- 473 A similar lot 25

474 Fifteen polished Axes; and ten smaller Axes or Chisels 25

12/- 75/- 475 A large number of Axes of varied forms, many made of shale and some of doubtful antiquity 50

48/- 40/ 476 Four basalt Adzes; four Chisels; and eleven polished Axes of various sizes, *a good lot* 19 — 2/8/- Willis

60/- 80/- 477 Twenty Chisels of varied sizes, *all of good quality* 20

60/- 75/- 478 A similar lot 20

[illegible] 75/- 479 A similar lot 20 — 4/-/- Willis

3/10/- 70/- 50/- 480 A small well-polished flint Axe; seven small flint Chisels; three large basalt Chisels; four smaller examples; and a curious leaf-shaped Knife of basalt, *a good lot* 16 3/10/- Willis

2/10/- 75/- 481 An Adze of New Zealand type, *said to have been found at Culbane*; and nine Irish Axes, *some good, marked with localities* 10

2/15/- 80/- 482 A similar lot 10

2/18/- 80/- 483 A curious Polishing Stone of chert, *found at Culbane*; a roughly chipped Axe in basalt, *from Coleraine*; an Axe of diorite, with oblique edge; and seven other Axes of varied types 10

3/3/- 484 A very fine polished Axe of basalt, 7⅜ *in. long, found at Crommelin*; another, 6 *in. long, from Magherabone*; a smaller example, *from Glenhead*; an Adze, *Ballyscullion*; and two other Axes 6

5/5/- 80/- 485 A massive Axe of grey coloured stone, 8½ *in. long, found near Kilrea*; another of basalt, with oblique cutting edge, 8 *in. long, from Glenhead*; and four others 6 5/5/- 80. Willis

85/- 486 An Axe of sandstone, 10½ *in. long, from Glenravel*; another in basalt, 8½ *in. long, Coleraine*; and four others, *all good specimens* 6 4/15/-

4/-/- 75/- 487 An Adze of basalt, 8½ *in. long, found at Clough Mills*; another, well-polished, with oblique cutting edge, 7¾ *in. long*; and three others, *all good* 5

60/- 70/- 488 A small Adze in basalt; and nine Chisels, *all good examples* 10

40/- 489 A similar lot, *also good* 10 2/10/- Elder

25/- 490 Another lot, *also good* 10 40/- Elder

40/- 50/- 491 Another lot, *some good* 10

25/- 50/- 492 Two "waisted" Axes; and sixteen small Axes, *some doubtful, from Culbane* 18

25/- 50/- 493 A similar lot; *from Culbane* 22

16/-/- 8. 6. 494 Twenty Whetstones of varied forms and periods (*some prehistoric*), on two cards 20 16/-/- Willis

5. 495 Fifteen polished Chisels; *found in Co. Antrim*, on card, *all good specimens* 15 8/5/- Naylor

3/8/- 60/- 496 Sixteen small Axes or Chisels of basalt, on card, *also good examples* 16 3/8/- Willis

32/- 497 Six Sharpening Stones, of early type, on card; and six Whetstones, of later date 12

75/- 498	A very fine Archer's Bracer, in honestone, with two perforations at either end, 5 *in. long*, of the early bronze age, *extremely rare*; and fourteen smaller stone Bracers and Whetstones, on card, *a good lot*	15	13/10/- Naylor
60/- 30/- 499	Six stone Objects, probably Bracers, of the bronze age; and nine other stone Objects	15	60/- Willis
75/- 500	A Whetstone or Ornament, with incised strap and other ornament on either side; a button-like Object, *both curious*; a Stone Burnisher of conical form, probably Neolithic; four early stone Pendants; and nine Burnishers or Whetstones, some of the prehistoric period	16	6/-/- Heller
80/- 501	Thirty Whetstones, of various periods, *some good*	30	4/10/- Fenton
50/- 80/- 502	Thirty-seven others; a Cast of a rare Whetstone; and an 18th century Wig Curler	39	
14/-/- 12. 8. 503	A collection of Irish stone Spindle Whorls; and a few stone Beads, some decorated, on four cards; a few American Examples included for comparison, *a very interesting lot*	78	16/-/- Willis
80/- 504	Thirty stone Spindle Whorls, chiefly of the prehistoric period	30	4/5/- Naylor
65/- 60/- 505	A similar lot	30	
60/- 506	Another lot, similar	30	3/5/- Hoeler
65/- 60/- 507	A similar lot	30	
60/- 508	A similar lot	30	65/- Fenton
3/10/- 5. 509	A Spindle Whorl, made from a piece of petrified wood, *curious*; five decorated Whorls; and fifteen others	21	
50/- 510	Thirty-two Spindle Whorls; *found at Culbane*	32	2/15/- Fenton
50/- 511	A similar lot; *from the same locality*	32	
6. 512	A string of fifty-one Spindle Whorls (some decorated) and Beads of early type (including a bronze Whorl); *found in Co. Antrim*	51	13/10/- Naylor
5/15/- 85/- 80/- 513	Two Stones with cup-shaped depressions on one face; and five fine Hammer Stones with indents on either face	7	5/15/- Willis
5/15/- 75/- 514	A similar lot	7	5/80
75/- 515	A massive Hammer Stone with depressions; two others, *also good*; a hollowed Disc; two "tracked" Stones; and three Pounders	9	4/-/- Heller
4/5/- 70/- 516	Ten Pounders, with depressions on face; ten "tracked" Stones; and ten ordinary Hammer Stones	30	4/5/- Willis
60/- 517	A similar lot	30	4/-/- Heller.

	50/- 518	Another lot, similar	30	9/15/- Naylor
	60/- 519	A similar lot	30	3/15/- Naylor
	60/- 520	A similar lot	30	3/10/- Lawrence
35/-	65/- 521	A similar lot	30	
65/-	50/- 522	A similar lot	30	3/5/- Willer
	50/- 523	A similar lot	30	3/10/- Heeler
35/-	40/- 524	A similar lot	30	
10/10/-	75/- 525	Forty-two "tracked" Stones; and thirty-seven ordinary Hammer Stones	79	10/8 Willer
60/-	85/- 526	Two stone Discs, and two Fragments, *from Portstewart*; and five others, *found in Co. Donegal, an interesting lot*	7	
80/-	70/- 527	Twenty-nine Axes in basalt, showing various stages of manufacture; *from the Glenleslie "Axe factory," Co. Antrim; an instructive lot*	29	4/-/- Willer
28	6. 528	Four cylindrical Stones, perhaps for boring axe hammers; seventeen Honestones of various periods; and a grooved Axe in basalt, *rare; from various localities*	22	
40/-	50/- 529	Twenty Axes or Chisels of narrow form, in chipped basalt; and six unfinished Specimens; *from various localities*	26	
40/-	40/- 530	A similar lot	26	
65/-	50/- 531	A large flint Pick, *found at Coleraine*; and eleven others, *from various localities*	12	3/5/- Willer
40/-	40/- 532	A similar lot	12	3/10/- Willer
65/-	40/- 533	Twelve flint Axes and Chisels; *from various localities, some good*	12	3/5/- Willer
	40/- 534	A similar lot	12	2/15/- Heeler
25/-	30/- 535	Twenty chipped flint Axes, some unfinished; *from various localities*	20	
	30/- 536	A similar lot	20	40/- Heeler
	25/- 537	A similar lot; and two Tranchet Axes	22	32/- Heeler
	40/- 538	Fourteen flint Picks, *from various localities*	14	2/15/- Heeler
	40/- 539	A similar lot, including one of basalt	14	2/5/- Heeler
85/-	50/- 540	A very fine basalt Pick, with ground sides; and nineteen chipped Axes in same material, *some very good*	20	4/5/- Willer

50/- 541 Five Picks; a fine Adze; and fourteen Axes, all of chipped basalt, *some very good examples* 20

40/- 542 Nineteen similar Axes; and a basalt Flake 20

30/- 543 A similar lot 20

40/- 544 A polished Axe; and nineteen chipped Axes, all in basalt 20

60/- 545 A Pick; an ovate Implement, *Cushendall* (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXVII, *fig.* 31); and eighteen chipped Axes, all in basalt 20

70/- 546 Twenty Axes in chipped basalt, *some unfinished* 20

30/- 547 A Pick; eighteen chipped Axes, *some fine*; and a Side Scraper, *Cushendall, rare*, all of basalt 20

80/- 548 An unfinished Axe, 11 *in. long*; another, 9 *in. long*; and eighteen other basalt Axes, *some fine* 20

50/- 549 A Pick; and nineteen chipped Axes, *some unfinished*, all in basalt 20

40/- 550 Thirteen chipped Axes, *some good*; a long Flake; six Hammer Stones; a polished Axe: all of basalt; and two others 22

5 551 Twenty Pounders, or Mealing Stones, *some very good examples* 20

60/- 552 A similar lot 20

60/- 553 Another lot, similar 20

60/- 554 Two "Anvil Stones"; nine Hammers; and a Celt, with depressions on faces, adapted as a hammer, *rare* 12

80/- 555 A fine flint Pick, *found at Culbane* (*Ill. Jour. R. I. A.*, *vol. XXX*, *pl.* XV, *fig.* 72); a good chipped Axe in basalt (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXIII, *fig.* 6), *Cushendall*; another flint Pick (*Ill. Jour. R. I. A.*, *vol. XXX*, *pl.* XVI, *fig.* 80); and two other fine chipped basalt Axes (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXIII, *figs.* 7 *and* 8), *from Cushendall* 5

70/- 556 A fine flint Pick, *from the Bann* (*Ill. Jour. R. I. A.*, *vol. XXX*, *pl.* XV, *fig.* 25); another (*fig.* 74); and three chipped Axes, *from Cushendall* (*Jour. Anth. Inst.*, *vol. XXXIII*, *figs.* 16, 22 *and* 34) 5

70/- 557 A fine chipped flint Axe, of narrow type, *from the Bann* (*Ill. Jour. R. I. A.*, 1912, *vol. XXX*, *pl.* X, *fig.* 78); a very fine chipped flint Pick, *from Culbane* (*same Journal*, *fig.* 76); a fine flint Axe, with ground cutting edge, *Coleraine* (*Ill. Jour. R. I. A.*, *vol. section C*, *pl.* XVI, *fig.* 92); a flint Knife (*illustrated*); and two roughly chipped basalt Axes (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXVII, *fig.* 30, *and pl.* XXXIX, *fig.* 11), *from Cushendall* 6

60/- 558 An extremely unusual "Tracked Stone," of fine quartzite, with a deeply cut trough-shaped depression on one face, *found at Ballyclair sandy braes* (*Ill. Jour. Roy. Hist. and Arch. Ass.*, *fig.* 3);

LOT 558—*continued.*

a Hammer Stone, with unusual countersunk perforation ; a stone Pendant ; a small Axe ; and two Hammer Stones ; *from various localities* 6

(10/-) 40/- 559 A roughly formed Axe, $10\frac{3}{4}$ *in.*, *found in Lough Neagh* ; a chisel-shaped Implement, in clay slate, weighing 4 lbs., 15 *in. long, Culbane* ; and forty-four others, *many of doubtful antiquity* 46

(9/-) 40/- 560 Fifty others, in clay slate, *many doubtful* 50

(20/-) 40/- 561 A similar lot 50

(5/-) 40/- 562 A similar lot 50

(12/-) 40/- 563 A similar lot 50

~~40/-~~ 564 A large number of small pick-like Implements, Scrapers, and other Objects, in flint ; *from various localities* *a lot* 4/10/- Lawrence

(90/-) 40/- ~~34/-~~ 565 A coarsely chipped Pick, *found in the Bann at Coleraine* (*Ill. Jour. R. I. A., vol. XXX, pl.* XVI) ; and a large number of similar Objects, and Picks of various sizes and types ; *from various localities* *a lot* 4/10/- Willer

8. 566 An Axe Hammer, of granitic material, well polished, with deeply grooved upper and lower face, $5\frac{3}{8}$ *in. long* ; *found at Clady, near Portglenone* [Pl. II] 1 9/-/- Naylor

5. 567 A HIGHLY IMPORTANT AXE HAMMER, of dark polished stone, with semi-circular cutting edge, cone-shaped hammer end, and strongly incurved sides ; the curves are outlined with a pronounced rib, 6 *in. long by* 4 *in. greatest width. This unusually fine and rare example, weighing* 4 *lbs., was found in deepening the river Bann about* 1847 (*see Ulster Journal of Archæology, vol. III, p.* 234, *and Proc. R. I. A., vol. XXX, section C, no.* 7, *pl.* 19, *fig.* 127) [Pl. II] 1 4X 67/-/- Belfast Mus

7. 568 A pestle-shaped Hammer, of highly polished granitic stone, cylindrical in form, with rounded ends and small circular perforation, $3\frac{1}{4}$ *in. long, also fine and rare* ; *found near Bushmills, Antrim* [Pl. II] 1 23/-/- Naylor

7. 569 Another, of similar form, $3\frac{1}{4}$ *in. long, found at the Commons of Carrickfergus* ; and a smaller example, *from Lough Mourne, both rare* 2 14/-/- Naylor

90/- 570 An Axe Hammer, of wedge form, with conical butt and broad cutting edge, partly perforated ; the outer edge of the depression on either side decorated with a raised moulding, $4\frac{1}{2}$ *in. long, found in the Bann, fine and rare* ; a perforated Axe, of doubtful antiquity ; and a small Axe Hammer, *found at Moorfields, Antrim* 3 8/10/- Naylor

7. 571 An oval Hammer, in black stone, with circular perforation, $3\frac{1}{4}$ *in. long, from Connor, Co. Antrim*; and another, smaller, *from the bed of the Bann, both rare* 2 — 8/10/- Barnet

4. 572 An oval Hammer, with "hour glass" shaped perforation, the sides decorated with incised grooves, 5 *in. long*; and a cylindrical stone Implement, with the ends much abraded by use, *found together, an interesting lot* 2 — 5/-/- Barnet

6 573 An Axe, of diorite, with strongly curved depressions at the sides, the inner part of the depression hollowed for the grip of the fingers during use, $5\frac{3}{4}$ *in. long, from Glengariff*; an oblong Hammer, with "hour glass" perforation; and a discoidal Pebble, with the sides of the perforation rounded 3 — 14/-/- Barnet

75/- 574 Massive oval Hammer, of quartzite, with "hour glass" perforation, $4\frac{1}{2}$ *in. long, Glenleslie*; a boat-shaped example, with large perforation, $3\frac{3}{4}$ *in.* (*probably from the Bann*); an egg-shaped Hammer, of polished black stone, with small perforation, *from Carnlee*; and an early quartzite Hammer, with "hour glass" perforation, *found at Connor* 4 — 9/-/- Naylor

S. 575 A discoidal Macehead, of sandstone, with grooved lines round the perforation, $4\frac{1}{4}$ *in., found in the Bann*; and six others, with primitive "hour glass" perforation (*this style of perforation is considered to be evidence of Neolithic date for the implement*) 7 — 3/10/- Keller

6 576 A massive wedge-shaped Hammer, with large perforation, $7\frac{1}{2}$ *in. long, found at Aughmahoy*; and three others, of varied forms 4 — 6/15/- Naylor

6/10/- S. 577 A heavy perforated Hammer; and four others, all with primitive boring 5 — 6/10/- Willis

60/- 578 Another, made from a larger broken example; a discoidal Implement; another, in quartzite, of oval form; and two others, *all good examples* 5 — 4/5/- Barnet

50/- 579 An oval Hammer, of good form, in granitic material; and five others, *a good lot* 6 — 7/-/- Fenton

4/4/- 75/- 580 Twelve perforated Hammer Stones 12 — 4/0 Willis

60/- 70/- 581 A similar lot 12

3/15/- 70 582 A similar lot 12

60/- 583 Twelve others, similar 12 — 2/10/- Keeler

35/- 60/- 584 Ten other examples; a stone Net Sinker?; and a curious oval Hammer, in iron, of uncertain date 12

IMPLEMENTS AND OTHER OBJECTS OF THE BRONZE AGE.

FOUND IN IRELAND.

585 A fine flat Axe, in copper, with semi-circular edge, $6\frac{1}{8}$ *in. long, found at Cullybackey*; and two others, smaller, *with localities* 3

586 Another of copper, of heavy fabric, $4\frac{7}{8}$ *in. long, found near Omagh, fine*; and three others, smaller, *with localities* 4

587 Another of copper, with unusual incurved sides, and straight cutting edge, $6\frac{1}{4}$ *in., Ballymena*; and two others, smaller, *both good* 3

588 Three flat Axes of primitive type, $4\frac{1}{2}$ *in.*, $4\frac{1}{4}$ *in. and* 4 *in. long*; *from Toome, Dunboy and Loughguile* 3

589 A flat bronze Axe, with incurved sides, $4\frac{1}{4}$ *in., Clough*; another, 5 *in., Ballyconolly*; and another, $5\frac{3}{8}$ *in., Ballymena* 3

590 A large flat Axe, expanding towards the edge, the surface showing traces of herring-bone decoration, $7\frac{1}{4}$ *in. long*; *Ballymena, fine and rare* 1

591 Another, similar, with decoration of short indented lines outcurving from the centre, and elaborately facetted sides, 7 *in. long*; *found near Garvagh, in Cregard Bay, fine and rare* [Pl. III] 1

592 A flat Axe, with narrow butt, $4\frac{1}{2}$ *in. long, found at Craig-billy* (*Ill. Ulster Journal of Archæology, vol. IX, p.* 179, *fig.* 3); another, $4\frac{1}{4}$ *in.*; a smaller example; and a tiny copper Blade, *found at Kells, Co. Antrim* 4

593 A flat bronze Axe, with curved cutting edge, the surface decorated with lines of indented dots and chevrons, $5\frac{3}{4}$ *in.*; *found at Glensherry, fine and rare* [Pl. III] 1

594 Another, with herring-bone decoration on surface, $7\frac{1}{4}$ *in.*; *found near the previous specimen, also fine* 1

595 A flat bronze Axe, with traces of herring-bone decoration, $4\frac{5}{8}$ *in., found at Moorfields, Co. Antrim, fine*; another, with slight ridge in centre of blade, $5\frac{1}{4}$ *in., Ballymena*; and a small chisel-like object, *Moorfields* 3

596 An unusually large flat bronze Axe, with strongly curved sides, and curved cutting edge, the sides outlined with four parallel grooved lines and dots, $8\frac{3}{4}$ *in. long*; *found at Dunnygarron, fine and very rare* [Pl. III] 1

597 Three flat bronze Axes, $5\frac{3}{8}$ *in.*, 4 *in. and* $3\frac{1}{2}$ *in. long, all with localities* 3

598 A flat bronze Axe, with slight ridge on blade; a curious Implement, with shoulders at sides; and a smaller Object, the two latter perhaps burnishers; *all Co. Antrim, an interesting lot* 3

599 A flat bronze Axe, with incurved sides, the surface decorated with strongly engraved lines, $6\frac{7}{8}$ *in. long*; *found in a bog near Durrock, Cushendall, fine and rare* [Pl. III] 1

600 Another, with surface decorated with herring-bone ornament, 6 *in. long*; *Ballymena* [Pl. III] 1

601 Another, with somewhat straight-cutting edge, $6\frac{1}{2}$ *in. long, Ballymena*; two small flanged Axes; and an unusual type of Chisel, *found at Dreenan* 4

602 An unusually fine flanged Axe, with curved cutting edge, the surface of the blade decorated with a panel of deeply grooved parallel lines, $5\frac{7}{8}$ *in. long*; *Ballymena* [Pl. III] 1

603 Another, with slight flanges, having a decoration of curved and straight lines of indented dots, $5\frac{3}{4}$ *in. long*; *bought in Belfast, extremely fine and rare* [Pl. III] 1

604 A fine example of a flanged Axe, with slight stop ridge, $4\frac{3}{8}$ *in. long, Grange*; and another, smaller, *found at Derry* 2

605 A fine flanged Axe, with oval side flanges, outlined by a deep groove, the whole surface decorated with punch marks, 6 *in. long*; *Co. Antrim* (*see Jour. Royal Historical and Archæological Institute*, 1889, *p.* 112, *no.* 1, *pl. III*) [Pl. III] 1

606 A flanged Axe, with slight stop ridge, the flanges decorated with deeply grooved oblique lines, $4\frac{7}{8}$ *in. long, Ballymena, fine*; and another, smaller, plain 2

607 Another, with strong side flanges and stouter stop ridge, the centre of the blade outlined with a curved band of indented dots linking up the ends of the wings, $6\frac{1}{4}$ *in. long*; *found in Garvers Bog, Co. Antrim, extremely fine* (*see Jour. Roy. Hist. and Arch. Jour.*, 1889, *p.* 113, *pl. III, no.* 2) [Pl. III] 1

608 An unusually fine flanged Axe, with stop ridge, having a raised curved line connecting the two flanges, from the centre of this curved line is a straight rib running upwards to the stop ridge, 6 *in. long* [Pl. III] 1

609 Two Axes, with side flanges, and a curved ridge on blade, *both with localities* 2

610 Three similar Axes, *all good specimens* 3

60/— 611 A similar lot 4 4/5/ Fenlon

612 A finely formed flanged Axe or Palstave, with stout stop ridge and curved cutting edge, $5\frac{3}{8}$ *in. long, Co. Derry*; and two others, smaller 3

613 A winged Palstave, with stout triangular ornament below stop ridge, $4\frac{3}{4}$ *in., Co. Tyrone*; and another of plain type, 6 *in., Lisburn, both fine* 2

60/— 614 Another, with triangular ribs on blade, $4\frac{1}{2}$ *in., Crommelin*; and two others, *all good specimens* 3 7/10/— Naylor

615 Another, with angular side flanges and curved cutting edge, 7 *in. long, Co. Derry, fine*; and an Example, with loop at side, *found in a Crannog at Lough Mourne* 2

616 A fine Palstave, with conical ridge on blade, $4\frac{5}{8}$ *in., Glenny, Co. Antrim*; and another, of plain type, both with loops 2

50/— 617 A socketed Chisel, of square section, $3\frac{1}{4}$ *in.*; a fine Gouge, $3\frac{1}{4}$ *in., Cullybackey*; and another, smaller, *Grange* 3 3/15/— Belfast Mus

618 A winged Palstave, with unusual rib on sides at the junction of the blade to the socket, 6 *in. long, Craig's Bog*; another with wings, $5\frac{1}{4}$ *in., Toome*; and a smaller Example, with shield-shaped ornament below stop ridge 3

619 A fine socketed Celt, with curved cutting edge and side loop, the mouth decorated with ribs, 4 *in. long, found at Craig's*; and three others, smaller 4

8/15/— 6 620 Another Example of unusual size, $4\frac{1}{2}$ *in. long, Co. Cork*; and three others, smaller 4 8/15/ Willis

6/4/— 6 621 Another, of good form, the mouth decorated with ribs, *Kilwalter*; another, similar; and three others 5

8/10/— 6. 622 Another, with ribs on socket, *Glarryford*; three others, *all good specimens*; and an imperfect Example, *all with localities* 5 8/10/— Willis

623 Another, of unusually good form, $3\frac{1}{4}$ *in.*, *found at Cross*; and three others, *with localities, all good examples* 4

5/- 624 Three smaller Specimens, with unusually broad cutting edges, *Clough and Larne, a good lot* 3 5/1st Fenton

7/1st 625 Another Specimen, with curiously broad cutting edge and incurved sides, $3\frac{1}{4}$ *in.*, *Ballymoney*; and two others, *also good, from the Glenny collection* 3

626 A finely-formed socketed Celt, with well-defined ribs on socket, $3\frac{1}{2}$ *in. long*; and another, somewhat similar, $3\frac{1}{2}$ *in.*, *Portglenone* [Pl. III] 2

627 A good socketed Celt, with socket of oblong section and a raised moulding at mouth, $3\frac{1}{2}$ *in.*, *found in Fenagh Bog*; and two others, of the same type, with three ribs on the faces, *rare, Co. Antrim* 3

628 Another, with similar ribs on the faces, $3\frac{1}{4}$ *in.*; a small Celt, with socket of square section; and a very unusual Example, with raised moulding at mouth of socket, $3\frac{7}{8}$ *in.*, *all Co. Antrim* [Pl. III] 3

9/1st 7. 629 A bronze Chisel, with side flanges, $3\frac{1}{4}$ *in.*; another, similar, *Killyless*; and four unusually small socketed Axes or Chisels, *with localities, a good lot* 6 9/10 of Willis

50/- 630 A Chisel, with narrow blade, expanding towards the edge, the flanges at right angles to the blade, $3\frac{1}{4}$ *in.*, *Castlegore*; and two others, similar, *all rare* 3 4/1st Fenton

631 Two others, similar, *Knockboy and Co. Antrim*; and a tiny crescent-shaped Blade, probably a razor, *Cleggan, the last very rare* 3

632 A Chisel, of early type, with projections at the sides and a cutting edge at either end, $4\frac{3}{4}$ *in. long*; *Randalstown, fine and rare*; another, with curved cutting edge and a tang for the handle, 4 *in.*, *Glenish*; and an earlier type, with curved sides, 3 *in.*, *Ballybay, all fine and rare* [Pl. VII] 3

633 An extremely fine bronze Spear Head, of early type, with narrow solid blade, decorated with strong ribs in a sunk panel, and having a wide socket, with loops at the base, $6\frac{1}{4}$ *in. long*; *found at Deerfin* [Pl. IV] 1

*** This interesting weapon shows evidences of the development of the spear-head from the dagger and is of unusual interest.

634 Another, of similar type; and three others, *imperfect*, of slightly later form, with side loops 4

635 A Spear or Lance Head, with leaf-shaped blade, decorated with a rib, $5\frac{1}{4}$ *in.*, *Magheraboy*; another, $4\frac{1}{4}$ *in.*, *Teeshaw*; a similar Example, *found at Cloughancely*, all with side loops on socket; and the Blade of another, of broader type 4

636 A Lance Head, with lozenge-shaped blade, $3\frac{5}{8}$ *in. long, fine*; and four others, of slender form, all with side loops, *found in Co. Antrim* 5

637 A Lance Head, with slender leaf-shaped blade; another, with rib on upper part of socket, $4\frac{7}{8}$ *in.*; another, with curious blade of square section and traces of loops (with original wood in socket), *rare*; and an Example, with lozenge-shaped blade decorated with ribs in relief and a "false rivet" on socket, $3\frac{3}{4}$ *in.*, *rare, all Co. Antrim, a most interesting lot* 4

638 A Lance Head, with broad blade, $3\frac{3}{4}$ *in.*; another, similar, $3\frac{3}{8}$ *in.*; and two others, of unusually small size, all with side loops, *and all found in Co. Antrim* 4

639 A Spear Head, with a triangular blade, decorated with ribs in relief, the ends of the blade are carried down by means of a strap-like moulding to the side loops, which have oval faces; the socket and sides of the "straps" are decorated with lines of dots, and a sinuous line of dots occurs at the base of the socket, $6\frac{5}{8}$ *in. long* [Pl. IV] 1

*** This unusually well preserved and fine weapon was found in Fenagh Bog, and is illustrated and described in the *Royal Historical and Archæological Association Journal*, 1889, *pl. III, fig.* 3, *p.* 113.

640 A fine Spear Head, of unusually slender form, the sides of the blade being slightly incurved, the section of the mid-rib is of a lozenge form, and the edge of the blade is continued down to the side loops, $7\frac{1}{2}$ *in. long, found in Buckno Bog*; and another, of more ordinary type, $4\frac{3}{4}$ *in. long, Co. Antrim* 2

641 A Lance Head, with ribs on blade and side loops, 6 *in. long, from the Glenny collection*; three small Lance Heads, of later type, with rivet holes; and the Blade of a Spear Head, *all found in Co. Antrim* 5

642 A Spear Head, with narrow leaf-shaped blade, strong mid-rib, and the outline of the blade ridged, there are remains of loops at the base of the blade for attachment to the shaft, and the socket is unusually long, 11 *in. long*; and the Point of another Spear Head 2

643 A Spear Head, with somewhat slender blade, and stout mid-rib, the base of the blade having wire loops for attachment of the cord used to secure the head to the shaft, 12 *in. long*; *found near Toome, Co. Derry* 1

644 A Spear Head, with broad blade, the edge having a curious angular outline in the centre of the blade, the base of the blade is furnished with similar loops to the previous item, $7\frac{3}{4}$ *in. long*; *found at Rasharkin, fine and rare* [Pl. IV] 1

645 A Spear Head, of graceful form, with leaf-shaped blade and bevelled cutting edge, the end of the blade is continued down to the rivet-hole as a decorative moulding, 9 *in. long*; *Claddy, Co. Derry, very fine* [Pl. IV] 1

646 Another of slender form, the blade being continued as a rib down to the rivet hole, $8\frac{3}{4}$ *in. long, found at Taylorstown*; a Lance Head, with leaf shaped blade, $5\frac{1}{2}$ *in. long, found at Glenwherry*; and a Javelin Head, with curious markings on the surface, *in very fine condition, an interesting lot* 3

647 A Javelin Head, with oval openings in blade, $3\frac{3}{4}$ *in. long, extremely rare*; another, with wire loops at base of blade of stouter workmanship; and three broken bronze Axes 5

757-648 A Blade of a knife dagger, with strong midrib and broad base, in which are three original rivets, *an interesting and early type*, $3\frac{1}{2}$ *in. long*; *found at Carnstrone* 1 4/57-

649 A Rapier Blade of slender form, with side notches for the rivets, $9\frac{1}{2}$ *in. long*; and another similar, 8 *in. long* 2

650 Another, with triangular base, notched for two rivets, $12\frac{1}{2}$ *in. long, found at Parkmore, Ballymena*; and a curious Blade, with two rivet holes 2

651 A Dagger Blade, of later type, with broad blade and angular plate, perforated with two rivet holes, $11\frac{1}{2}$ *in. long*; *found at Skerry*; *fine* [Pl. IV] 1

652 A Dagger Blade, with triangular base, having notches for two rivets, $5\frac{7}{8}$ *in. long*; an early Knife Blade of triangular form, with four rivet holes, $3\frac{3}{4}$ *in. long, found at Bushmills*; and a small Knife Blade, *found at Tully* 3

653 An extremely fine bronze Sword, with broad leaf-shaped blade, and complete handle plate with fish tail termination, the handle

LOT 653—*continued.*

plate is ridged, and is pierced for four rivets, the remaining rivet holes have been plugged, 25 *in. long*; *found in Rosherry Peat Bog* [Pl. IV] 1

*** A label with an interesting pedigree of the weapon is attached.

654 Another of good form, with leaf shaped blade, and handle plate pierced for six rivets, and having a slot in the centre, three of the original rivets remain in position (*the blade has been neatly repaired*), $23\frac{3}{8}$ *in. long*; *found in a bog near Glenish*; *fine* [Pl. IV] 1

655 Another of good form, with leaf shaped blade and part of handle plate which is pierced for two rivets, $19\frac{1}{2}$ *in. long*; *found in Derry* (*repaired*) 1

656 A Sword of slender form, with broad fish-tail termination to handle plate, and having ribs on the plate, which is pierced for six rivets, 19 *in. long*; *found at Ballymoney* (*repaired*) 1

657 Another of broader type, with imperfect handle plate, pierced for six rivets, $18\frac{3}{4}$ *in. long*; *found at Cross Keys, Co. Antrim* 1

757- 658 A Dagger Blade, with strong midrib, and having one rivet in position; a broken Sword Blade, *found at Cushendall*, $14\frac{1}{2}$ *in. long*; and three other Blades, *all imperfect* 5 2/15/-

757-659 A Dagger Blade, with midrib of simple form; and a bronze Sickle, with ridged blade, and socket pierced for one rivet, $6\frac{1}{8}$ *in. long*, *rare* 2 7/10/- Navik

660 A Dagger or Knife, with slender leaf-shaped blade, and oval socket, the latter has incurved sides and is pierced for rivet (part of the wooden handle remains in position), $10\frac{3}{4}$ *in. long*; *found at Glenbush* [Pl. IV] 1

661 A curious pointed Weapon, with blade of square section and funnel shaped socket, the latter is pierced for a rivet, $7\frac{5}{8}$ *in. long*; *found at Fermanagh, extremely rare and in good condition* [Pl. VII] 1

662 A Scabbard Chape for a Sword, the socket is of lozenge section, and the butt has a globular termination, $3\frac{3}{4}$ *in. long, an extremely unusual type*; *probably found at Lisnacroghera Crannog, from the Buick collection* [Pl. IV] 1

663 A Knife or Razor, with leaf-shaped blade, decorated with a lozenge shaped boss in slight relief, the pointed end has an angular notch, and there is a tang for the handle, $3\frac{1}{4}$ *in. long* (*found at Carrickfergus*); and another, with projections at upper part of the tang, $4\frac{1}{4}$ *in. long, found at Killyless, both rare* [Pl. VII] 2

664 Another, with slender leaf-shaped blade and rivet hole in tang, $4\frac{5}{8}$ *in. long, found at Moorfields Co. Antrim*; and another, with a depression divided by a midrib in centre of blade, 3 *in. long, found at Ballymena, both fine and rare* [Pl. VII] 2

665 A Knife, with slender blade, and decorated with a midrib, the socket, which is perforated for one rivet, is incurved at the base, $6\frac{1}{4}$ *in. long*; *found in Co. Antrim, rare* [Pl. IV] 1

666 A socketed Knife; and two Axes, *all imperfect*; and a Lump of Copper, *all Co. Antrim* 4

8. 667 A Palstave, with two recently bored holes in the socket, *Glenish, Co. Antrim*; five bronze Chisels; and two copper Implements, *some of later period* 8 8/- Naylor

FOURTH DAY'S SALE.

Thursday, 20th November, 1924.

STONE MOULDS FOR IMPLEMENTS.

FOUND NEAR BALLYMENA.

LOT

50/- 668 A very fine Valve of a mould for a spear head, made of schist, this was for casting a weapon with a strongly grooved blade, and with large side loops, 5 *in. long, extremely fine and rare* [Pl. IV] 1 — 72/- Belfast Mus

70/- 669 A Valve for a similar lance head, $3\frac{3}{8}$ *in. long*; and another of same type, $4\frac{1}{2}$ *in., both probably of basalt, very rare* [Pl. IV] 2 — 49/- Belfast Mus.

50/- 670 A similar Valve of a mould, $4\frac{1}{4}$ *in.*; and part of another 2 — 20/- Bel Mus

80/- 671 A four-sided Mould, of square form, for casting various types of razors or knives, 3 *in. long*; and a Valve, for making a small socketed celt, with side loop, $2\frac{1}{2}$ *in. long*; both of sand-stone *and extremely rare* [Pl. IV] 2 — 40/- Belfast Mus

6. 672 A Valve of a Mould for casting the blade of a larger spear-head, with ribs on blade, $6\frac{3}{4}$ *in.*; another, for a small lance of early type; part of another, for making the blade of a socketed axe; and a Fragment of a Mould, for a spear head 4 — 36/- Belfast Mus

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673 Part of the Rim of a large bronze cauldron, with tubular rim and solid ring handle, the latter is suspended from a broad reel-shaped loop, having three ribs in high relief; and the companion Piece for the opposite side, $8\frac{1}{2}$ *in. long, very fine and rare* [Pl. V] 2

674 A Cauldron, of thin sheet bronze, composed of four plates riveted together, the bowl is in the form of an inverted cone with rounded shoulders and flat rim, on the rim are two solid ring handles attached by ribbed loops to the rim, 12 *in. high, about* 15 *in. diam.*; *found in a bog near Portglenone, extremely rare* [Pl. V]. 1

675 A Ring Handle and Loop; Part of a Rim; and two odd Plates; all parts of cauldrons 5

676 A plain Band from a large bronze cauldron, with a number of holes punched in it for riveting purposes 1

677 A Cauldron or deep bowl, of flattened hemi-spherical form, showing considerable evidences of repair in the shape of riveted patches all round the sides, the rim has a number of holes punched in it, probably for an additional rim, 12½ *in. diam.* 1

678 Another Cauldron, with straighter sides, rounded below, showing similar repair at the sides, 10½ *in. diam.*; *found in a bog at Gortgole, Buick coll.* (*see Ulster Journal of Arch. vol. XIV, page* 23, 1908) 1

679 An important Cauldron, of unusually large size, with strongly curved sides and short oblique rim; this also bears evidence of much patching, showing the high value attached to these vessels of beaten bronze in early times, 17 *in. diam. at mouth,* 13 *in. high*; *found in Dirneveigh Bog in* 1885 1

*** Some of these bowls were probably originally used as water clocks, but not when in this patched condition.

680 Another Vessel, with straight sides and flat base, and having similar evidences of patching, 14 *in. diam.*; *found at Portglenone* 1

681 A Cooking Pot, with ridged sides and cylindrical neck, having two stout loops riveted to the sides, the surface is decorated with hammer marks, 7½ *in. by* 6½ *in.*; *probably of the mediæval period, found in the Bann* 1

682 An Armlet, of broad form, with curved sides and outcurved ends, the body is elaborately decorated with bands of concentric lines and chevrons, 3⅜ *in. diam*; *found in a bog at Castle Dawson, near Magherafelt, very fine and extremely rare* 1

683 A spur-shaped Object of large size, the shank sharply curved and the ends of the limbs flattened out and perforated (the shank probably terminated in a knob, now missing), 9⅞ *in. long*; *late Celtic period, found at Glenatrace, rare* [Pl. VII] 1

*** These objects are considered to have been used as an ornament upon the head of a horse.

684 A bronze Pin, with discoidal head, having a stout conical projection in the centre, the head is bent down at right angles to the shaft, 5¾ *in. long*; another of similar type, the disc decorated with fine concentric lines, and a small boss in the centre, 6¾ *in.*; and a Pin, of straight form, with a conical projection on the disc, 6¼ *in.*; *all found in Co. Antrim, very fine and rare* [Pl. VII] 3

6/10/-
Belfast Mus

685 A bronze Pin, with large ring head, the junction of the head to the pin being strongly curved, and the lower part of the curve forming

LOT 685—*continued.*

a shoulder, 7 *in. long, fine*; another, of very curious form, the head curving sharply back and forming a circle, the head is now hollow, but was probably filled with coral or enamel, $6\frac{3}{8}$ *in. long*; and a fine Pin, of the "hand type," with head of crescent form, one side having five finger-like projections, the flat plate is decorated with characteristic spirals; *all of the early iron age and very rare* [Pl. VII] 3

686 A bronze Pin, with hollow head and looped top; another, with head in form of a horse's head, to this are attached two pendant rings; and a good bronze Fibula, of La Téne type III, having a pierced catch-plate and a spiral spring attached to head of pin; *all of the early iron period* 3

POTTERY AND OTHER OBJECTS, CHIEFLY FROM BRONZE AGE INTERMENTS.

657– 687 An Urn, of bowl form (*repaired*), with a band of triangular indents filled with small dots in centre of the body, 5 *in. by* 3 *in.*; *found in a "Giant's Grave" at Loughloughan, near Broughshane* (*see Jour. R. S. Ant., Ireland, part II, vol.* XXXII) 1 9/10/– Leeds

357– 688 A primitive Lamp, of earthenware, in the form of an open bowl of oval form, with pinched spout at one end, 6 *in. long*; *found at Portstewart* 1 7/10/– Naylor

357– 689 An Urn (*repaired, with base missing*), the surface decorated with a hatched pattern of dotted lines, $6\frac{1}{4}$ *in. diam., found inside a larger urn at Galgorm Park* (some bones remain in the urn); three calcined Arrow Heads, probably found within the urn (*see Roy. Ulster Jour. Arch.*, 1875, *pl.* III); and a calcined Arrow Head, found in another urn 5 9/10/– Belfast Mus

690 A very fine Urn of bowl form, decorated with bands of parallel and vertical lines, and having a deep groove in centre of the body accentuated at the borders by angular ridges, the upper ridge decorated with angular indents, and the lower one with chevrons, $5\frac{1}{2}$ *in. by* $3\frac{7}{8}$ *in.*; also the Blade of a fine bronze Knife of triangular form, with two stout rivets, and showing the scar of the hafting between the rivets, 3 *in. long*, found inside the urn; *found at Loughguile in* 1870 (*Illustrated in Abercromby's "Bronze Age Pottery," vol. II, p.* 163, *fig.* 47) [Pl. VI] 2 51/-/– Clark

75/- 691 An Urn (*restored*), the body decorated with ridges, in the depressions between which are chevrons in relief, and with a band of oblique dotted lines below the rim, 6 *in. by* $4\frac{7}{8}$ *in.*; *found at Ballycloughlan* (*Ill. Roy. Ulster Jour. Arch.*, 1895, *part* II, *vol. I, fig.* 4) [Pl. VI] 1 — 7/-/- Fenton

80/- 692 An imperfect Urn, with a band of ornament suggesting the St. Andrew's cross on upper part of the vessel, 6 *in. diam.*; *found in the "Bishop's Cairn," near Glenwherry* (*Ill. Ulster Journ.*, 1895) — 7/5/- Leeds

35/- 693 Two Parts of the Rim of a large "Food Vessel," with angular ribs in relief, the spaces between filled with lines of indented dots, and the base and part of the side of the same vessel decorated with hatched lines; *found at Thorny Valley* (*Ill. Ulster Jour.*, 1895, *pl.* I); two Parts of a smaller Vessel, decorated with a cross-shaped ornament on base, *found near Kells*; and Fragments of another Urn 4 — 4/10/- Fenton

30/- 694 A small Urn of "food vessel" type, with deeply indented shoulder and flat rim, the latter decorated with a band of indents, $2\frac{1}{2}$ *in. by* $3\frac{3}{4}$ *in.*; *found at Cumberclady, extremely rare*; *from the Buick collection* (*Ill. Jour. Soc. Ant. Ireland*, 1891, *p.* 437) [Pl. VI] 1 — 10/-/- Belfast Mus

60/- 695 An Incense Cup, with angular sides, decorated with bands of chevrons and dots, and a cruciform ornament on the base, $1\frac{7}{8}$ *in. high*; *found in a "Dane's Fort," near Glenties* (*Ill. Abercromby's "Bronze Age Pottery," vol. II, p.* 34, *fig.* 343) [Pl. VI] 1 — 12/10/- Belfast Mus

75/- 696 A bowl-shaped Urn, with incurved rim, the body decorated with bands of chevrons and vertical and horizontal lines (*restored*), $6\frac{1}{2}$ *in. by* $3\frac{1}{2}$ *in*; *found at Cumberclady* (*Jour. Soc. Ant. Ireland, p.* 436); *from the Buick collection* 1 — 5/-/- Fenton

75/- 697 An Urn of "food vessel" type, with two strong ridges on sides, well decorated with chevrons and indented lines on the body, $4\frac{1}{2}$ *in. by* $5\frac{3}{4}$ *in.*; *found at Esker Dromona when making a railway to Portrush* [Pl. VI] 1 — 24/-/- Fenton

50/- 698 An Urn of deep bowl form with narrow base, and strongly out-curved sides, the centre of the body has two pronounced ribs, well decorated with bands of short oblique and horizontal lines, at the side is a simple looped handle, a most unusual feature in these vessels, $4\frac{3}{4}$ *in. by* $6\frac{1}{2}$ *in. diam.* (*restored*); *found in a "Giant's Grave" and "Carnal" at Loughloughan* (*see Jour. R. S. Ant. Ireland, vol. XXXII, p.* 163) [Pl. VI] 1 — 23/10/- Fenton

6. 699 A small Incense Cup, with rounded base and sharply sloping sides, decorated with bands of chevrons and oblique lines, 3 *in. diam.*; and a stone Spindle Whorl (*broken*), found inside the urn; *from Knockboy, near Ballymena* (a long MS. description is within the vase) 2 7/10/- Naylor

700 A small stone Cup, the sides decorated with bands of triangles filled with hatched lines, 2½ *in. diam*; *found at Glenarm*; *extremely rare* 1

12/- 701 Part of a stone Cup, decorated with bands of herring-bone ornament; an unfinished Example, decorated with incised lines; a tiny Lamp of open form; and an oblong pottery Object, decorated with incised lines; *found within an urn at Kilbraights* 4 5/10/- Belfast Mus

BEADS AND PENDANTS FOUND IN IRELAND.

7. 702 A collection of jet Objects, consisting of two Armlets, a cross-shaped pendant, two decorated Plaques from a Bronze Age necklace, *rare*; two Buttons, and nineteen other Beads and Whorls, all of early period, on card 26 7/15/- Naylor

7/5/- 703 A card containing twenty-five stone Beads and Whorls, also of early period 25 6/15/- Naylor

50/- 704 A very fine series of sixty variegated glass Beads of early types (*one from Cyprus included for comparison*), on card 60 4/15/-

705 A series of thirty blue "ringed" glass Beads, three of them ornamented, *probably of the Bronze Age, and found on the sites of "Crannogs" or island dwellings*; *a fine lot* 30

40/- 706 A very important group of highly decorated glass Beads, some ornamented with stout threads in relief; part of a decorated glass Armlet; and three Spindle Whorls; *Co. Antrim* 48 38/-/- Naylor

75/- 707 Part of a twisted gold Torque; a ribbed Ring of gold; a Piece of gold Ring Money; a gold Plaque, decorated with scrolls in "pearled" technique; two wire Objects linked together; *all found in Lisnacroghera Crannog*; and an extremely fine series of glass Beads, decorated with spirals, many of them with knobs or ribs in relief, *an important lot* [Pl. VIII] 34 105/-/- Belfast Mus

*** For similar beads, see *Guide to Celtic Antiquities of the Christian Period, Dublin*, 1910, *pp.* 68-69.

708 Another collection of similar Beads, some beautifully decorated, *also a fine lot*, on card 27 9/5/- Belfast Mus

5. 709 A fine Necklace of thirty-three amber Beads, *found in the peat between Craigbilly and Connor*; and sixteen odd amber Beads, all probably of the Viking period, *very rare*, on card 49 — 35/- Belfast Mus

60/- 710 A card containing a number of odd amber Beads and Pendants; *found in the north of Ireland*, also of the Viking period 42 — 3/10/- Naylor

6/- 6. 711 A curious wooden Pendant with incised symbols; and eleven "dumb-bell" shaped Beads; *from the Buick collection*, on card 12

8/15/- 6. 5. 712 A card containing forty-nine "dumb-bell" Beads; *found in the Irish peat and on Crannogs* 49 — 8/15/- Willis

75/- 713 A series of eighteen similar Beads; *found in Co. Antrim*; on card 18 — 5/15/- Naylor

85/- 714 An interesting series of whorl-shaped glass Beads, chiefly of amber colour; *found in the peat bogs and island sites*; on card 52 — 4/15/- Naylor

8/5/- 7. 6. 715 A cruciform stone Bead; and forty-one roughly shaped Beads and Pendants, on two cards 42 — 8/5/- Willis

40/- 716 A string of thirty-nine glass Beads, chiefly of amber colour, but a few of them decorated with wavy lines in white 39 — 4/5/- Naylor

12/- 717 Three strings of glass Beads, many of them decorated, and chiefly of an early period 56 — 4/5/- Naylor

12/- 718 A string of sixty Beads and Pendants, many of them decorated, and chiefly of an early period 56 — 3/5/- Naylor

35/- 719 Three strings of varied stone and glass Beads and Whorls 67 — 3/5/- Naylor

7. 720 Three fine jet Armlets; and fifteen Whorls and Rings of jet and stone, *some of them probably of Roman manufacture and perhaps relics of an early Viking raid* 18 — 8/5/- Belfast Mus

5/10/- 40/- 721 A very important jet Armlet, the outer surface strongly ribbed, 5 *in. diam.*; *found at Knocklayd, Co. Antrim* 1 — 5/10/- Willis

12. 722 Eight vitreous paste Beads, with ribbed sides, of the Roman period, *rare*; four early faience quoit-shaped Beads, *also rare*; and seventeen stone Beads, of varied form; *all Co. Antrim*; on card 29 — 13/10/- Leeds

723 A string of old Irish "blackberry" Beads, in glass, of varied colours, on card 68

8/15/- 9. 8. 724 A series of stone Beads and Pendants, of various periods, on three cards 3 — 8/15/- Willis

725 Twenty-one tiny stone Beads; *found on the sandhills at Portstewart, very rare* 21

OBJECTS, PRINCIPALLY OF THE CELTIC PERIOD.

726 Ring Head of a penannular brooch, of circular form, in bronze, with sunk panels at the expanded ends, and another in the centre of the ring; these panels are decorated with interlacing ornament, and in the centre of each is a depression, originally filled with paste or enamel now missing, $2\frac{3}{4}$ *in. diam.*; *found in Maghadee bog, near Kellswater, fine and very rare* [Pl. VII] 1

727 Penannular Brooch, in bronze, the body of the ring decorated with groups of grooved lines, towards each end of the ring is a boss suggesting the head of an animal, and beyond these are triangular cells filled with red enamel, with a section of decorated glass "cane" set in the centre of each cell, $5\frac{1}{4}$ *in. long* (*see Jour. R. I. A.*, 1901, *vol. VI, third series, no.* 3, *p.* 388) [Pl. VII] 1

728 A Ring Pin, the loop having terminations suggesting the reptilian head, $3\frac{1}{4}$ *in. long*; and an unusual penannular Brooch, with very broad expansion at the ends of the ring, the outline decorated with a line of dots, *also rare*; *found in a Crannog at Derryhullogh* (*see U. J. Arch., vol. X, p.* 53) [Pl. VII] 2

729 A penannular Brooch with large head, the expanding ends decorated with hatched lines and short ribs in relief, $4\frac{3}{8}$ *in. long*; and another, with the ends slightly incurved and tapering to a point, decorated with interlaced lines and circular cells, $3\frac{1}{2}$ *in. long, both fine and rare* [Pl. VII] 2

730 A very fine penannular Brooch, the expanding ends decorated with circular lines in relief and notched projections at the sides [Pl. VII] 1

730A A Ring Pin, with small head, decorated with incised lines; another, with spiral wire head; and another, similar 3

731 A fine bronze Pin, with discoidal head, ribbed at the sides; and four others, of varied types 5

732 A Ring Pin, of early type, with small circular head inlaid with yellow enamel, *rare*; another, with plain ring head; another, with dotted design at head of pin; and a curious example with small ring head 4

733 Two others, with solid ring heads; and two with thin spiral wire loops 4

734 A Pin, with flat square head, having a depressed gilt face, decorated with facets suggesting "chip carving" technique, *rare*; and three other Pins, *an interesting lot* 4

735 A grooved Ring from a pin; a Ring Pin, of plain type; a Pin and small Ring, *found together at Portstewart*; and four others 8

736 A curious bronze Pin, the upper part spirally twisted, and having a coiled turn near the top, 7½ *in. long, probably of the Early Iron age*; and three others, of a later period 4

737 A Ring Pin, with ribbed head and triangular projection at top; another, with hooked termination; another, with end in form of a horse head, with enamelled eyes; and two others, *a good lot* 5

738 A bronze Pin, *found at White Park Bay*; and five others, of simple form 6

50/- 739 A fine bronze Finger Ring, with oval depression on front, *found at Vagey, probably of the Early Iron period, rare*; three ribbed bronze Rings; and a Brooch Ring, with notched ornament 5 7/5/- Naylor

740 Part of a Horse Bit, in bronze, of curved form, and two Links of another, *found at Glenleslie, both probably of the Early Iron period*; two decorated Rings; two others, plain; and a small bronze Knife Blade of the Early Bronze age 8

741 A Celtic iron Bell, of quadrangular section, with broad loop; the clapper is still in position, and is heavy in proportion to the size of the bell, 7 *in. high*; there are small patches of the original bronze coating still on the outer surface; *from the ancient Church of Markstown, Cullybackey, extremely rare* [Pl. V] 1

742 "The Lissan Bell," an iron bell of small size, of similar section to the last item, the loop is depressed in the centre, 4 *in. high*; *from Lissan, Co. Tyrone* [Pl. V] 1

*** Part of a letter from Bishop Reeve, relating to this bell, is attached.

60/- 743 A bronze Fibula, harp-shaped, the catch-plate of triangular form, broadening towards the lower end, the plate decorated with three parallel rows of a curved scale pattern, the centre of the bow is ribbed, with a band of small knobs on either side of the rib, the "trumpet end" formed spring box is decorated with spirals, and attached to the spring is a circular loop for a chain, *an extremely fine and rare example of the Second Century* A.D. [Pl. VII] 1 17/10/- Leeds

85/- 744 A fine leather Shoe, of Celtic type, the heel and front decorated with raised bands, the upper part of the front is continued as a tongue-shaped extension, and this is perforated with three oval openings; and four others, of simple type, *all early examples and of interest* 5 7/-/- Naylor

745 A stone Cup in the form of an open bowl, with a globular projection at the side, 3 *in. diam., found near Newton Crommelin* (*see Uls. Jour.*, 1895); and a heavy stone Bowl, of simple form, $4\frac{1}{4}$ *in. diam., found near Craigmaddy* 2

80/- 746 A stone Cup of black material, of hemi-spherical form, the rim ornamented with incised chevrons, and with a small pierced handle at the side; *probably found near Connor* (*Ill. Uls. Jour. Arch.*, 1895, *vol. XV, p.* 4) 1 7/10/- Fenton

747 Two large bronze Rings, each with pendant rings attached to them; and twenty-five single Rings; *found* (*with others*) *arranged in a semi-circle in a fort at Secon Hill, near Ballymoney* 27

748 A large bronze Buckle; five bronze Finger Rings; two Harp Pegs of bronze; and four other Objects, on card 12

3/5/- 6. 749 Two curious iron Chisels, with solid butts and side loop, *probably of the Early Iron period, very rare*; nineteen Rings, *of various periods*; and thirteen other Objects 34

750 A wooden Paddle; *found in a bog near Ballymena, very rare and interesting* 1

5/10/- 6. 751 A bone Implement; a bronze Pin, with heart-shaped head; a Ring Brooch; a surgeon's silver Needle (17*th Century*); and a bronze Harp Peg 5

7/- 6. 752 A Mould for casting an inscribed cross; another for a crucifix; nine Moulds for casting button-shaped objects; another Mould; and a curious Palette, with three depressions; *all found in Ireland and of an early period, an interesting lot* 13 7/-/- Wilton

MISCELLANEOUS OBJECTS OF A LATER PERIOD.

5/- 753 A large wooden Mether (*damaged*), *found in a bog near Ballymena*; and a small Cup, of similar form decorated with chevrons, *found at Slenish* (*Ill. Ulst. Jour. Arch., vol. XV, p.* 4) 2 6/5/- Naylor

6/5/- 6. 754 Two wooden Pepper Grinders; a wooden Goblet; and a curious wooden Bowl, *from Kells, all of the* 18*th Century* 4

50/- 755 Two rush-light Holders; a bronze Mortar; a metal Vase; and three horn Cups 7 — 3/- Woodson

3/15/- 10. 756 Two decorated horn Cups (*one Ill. Ulst. Jour. Arch., vol. XV, p. 5*), and seven curious funnel-shaped Vessels in wood and bone 11

35/- 10. 757 Five "Socket Stones" used as gate hinges; a Mould for a brooch; a number of early Bullet Moulds; a 17th Century Dagger; and other miscellaneous Objects *a lot*

25/- 6. 758 Three bone Objects; and fourteen various stone Implements, all used as rubbing instruments in weaving 17

IMPLEMENTS FOUND IN OTHER COUNTRIES.

75/- 759 Thirteen palæolithic Implements, *from Suffolk*; one, *from Wandsworth*; another, *from Stamford Hill*; and seven Others, *from various English localities* 22 — 10/5/- Keller

40/- 760 An ovate flint Instrument, *very rare*; and seven Chert Implements, *found at Broome, Dorset, all of the palæolithic period, some very good* 8 — 5/10/- Keller

40/- 761 A Mousterian Implement, *found at Wandsworth, rare*; four drift Implements, *from Northfleet*; nine others, *found in Suffolk*; and a good "twisted" Ovate, *from Bottisham, rare, a good lot* 15 — 8/5/- Belfast Mus

40/- 762 Ten drift Implements; *found in France, some from Saint Acheul* 10 — 9/5/- Belfast Mus

35/- 763 Nineteen Implements of late drift type; *chiefly found at Bois du Rocher, Côtes du Nord* 19 — 40/- Keller

40/- 764 Two bone Implements; and a series of Scrapers of various types and other Implements, *from the French caves, an interesting lot* 56 — 4/0 Keeler

65/- 765 Five chipped Axes, *found at Spiennes, Belgium*; a long Pressigny Flake; a polished Axe, *from Saxony*; four polished Axes, *from France*; and seven others, *also from France, all of the Neolithic period* 18 — 3/10/- Keeler

30/- 766 Twelve flint Axes, *from Cissbury*; seven others, *from Grimes graves*; a curious palæolithic Form, *found at Weeting*; eight varied Implements, *from Suffolk*; and six others, *from Eastbourne* 34 — 5/5/- Keeler

EGYPT.

60/- 767	A tortoise Core; eleven Implements; and five others, *all of the Palæolithic period*	17	4/-/- Belfast Mus
45/- 75/- 768	A flint Pick, *found in a tomb at Medinet Habu*; three other Picks; and fourteen Implements, *from the Neolithic workshop floor at Wady-el-Sheikh*	18	
35/- 769	A series of Scrapers and worked Flakes, *found near Helouan*	22	2/10/- Beeler
60/- 50/- 770	A series of pigmy Implements and Borers, *found at the same locality*	38	60/- Willis
50/- 771	Twenty-eight Implements, with serrated edges; *some found at El Kab*, on two cards	28	4/-/-
20/- 772	Nine small Chisels; nine leaf-shaped Implements; and eight peculiar Flakes, *chipped at one side*, on three cards	26	3/5/- Harper
15/- 773	A slate Palette in the form of a fish; three others of simpler form; and a finely chipped Chisel, *rare*	5	28/- Beeler
50/- 774	A series of Saw Blades, Lance Heads, small Axes, and other objects, *from the Fayoum*	25	60/- Elder
60/- 775	A similar lot	25	65/- Spink
50/- 776	A similar lot	25	60/- Elder
60/- 777	A similar lot	25	50/- Lawrence
50/- 778	A similar lot	25	55/- Fenton
60/- 779	A similar lot	25	60/- Beeler
30/- 780	Another lot, similar	25	3/15/- Johnson
25/- 781	A similar lot	25	2/15/- Bel Mu
20/- 782	Another lot, consisting of Axes, worked Flakes, Lance Heads, and other objects, *also from the Fayoum*	20	60/- Lawrence
30/- 783	A similar series	20	4/10/- Spink
15/- 784	A well-chipped Axe; two parts of flint Armlets; and twenty-two other Implements; *Fayoum*	25	25/- Spink
7/- 785	Five leaf-shaped Lance Heads; thirty worked Flakes and broken Implements; a finely chipped Arrow Head; and six others; *Fayoum*	42	45/-
786	Thirteen fine Arrow Heads; and nine others of coarser workmanship, on two cards; *Fayoum*	22	

60/- 787 A flint Dagger of Danish type, 4 *in. long, rare*; and sixteen Arrow Heads of unusual form, *some of fine quality*, on card; *Fayoum* 17 — 3/10/- Lawrence

7/- 788 Twenty flint Arrow Heads, *some imperfect*; *Fayoum* 20 — 40/- Eder

789 Another lot; *same locality* 20

790 A similar lot; *same locality* 20

791 Another lot; *same locality* 20

792 Another lot; *Fayoum* 20

793 Another lot; *Fayoum* 20

794 Three "fish tail" Lance Heads (*two broken*); a Knife with indented grip; and two other Knives, on card, *a good lot* 6

30/- 795 A finely chipped broad Knife, with ripple flaking (*broken*); and two Fragments of Knives 3 — 5/10/- Harper

40/- 796 A curved Knife, with serrated edge (*broken*); and a Lance Head, also serrated 2 — 10/-/- Lawrence

40/- 797 A series of quartzite Implements, of drift type; *found by Mr. Seton Kerr in Somaliland, some fine* 18 — 40/- Lawrence

40/- 798 A similar lot, *some fine* 18 — 40/- Bel Mus

23/- 799 An interesting series of chert Implements, many of Moustiers type; *from the same source* 32 — 50/- Lawrence

800 A similar series 32

(45/-) 5/- (801) Twenty coarsely chipped Implements, of drift type; *found in Madras* 20

(45/-) (802) Six similar Implements; eight Flakes; a Pounder; a perforated Stone; and eight polished Celts; *all from India* 25

DENMARK.

803 Three flint Picks; four tranchet Axes; four Scrapers, and an Axe of ordinary form; *all from the "Kitchen Middens"*; and two others 13

804 A finely chipped Blade, of celt form, 9 *in. long* (*repaired*); a chipped Chisel, with ground edge, $7\frac{7}{8}$ *in. long*; part of a Dagger; and a small Lance Head 4

50/- 805 A flint Dagger, with wavy ridge on the grip (*repaired*); another, with fish-tail termination to handle; and three lunar Knives, *a good lot* 5 — 4/15/- [illegible]

806 A chipped flint Adze and an Axe, of early type, *rare*; a small Pick, *from Wisby*; an Axe, of tranchet form; a polished Gouge; a polished Axe; a perforated Net Sinker; and seven Flakes 14

807 An unusually finely chipped Gouge, of brown flint, 8 *in. long*; and an Axe, of similar workmanship, 10½ *in. long* 2

808 A boat-shaped Axe Hammer; another, of usual type; two polished flint Axes; and a Whetstone, *of the Viking period* 5

SWISS LAKE DWELLINGS.

809 An Axe, of nephrite, showing saw marks at sides, *found at Font, near Estavayer*; seven stone Chisels; a Fragment of decorated pottery; and two other Objects 11

810 A finely chipped Knife, of *Pressigny* flint, *rare*; another, smaller; seven Arrow Heads; a horn Socket; and two bone Pins 12

811 A series of Scrapers, Knives, and other Implements; *from Estavayer and other sites* 33

812 A Nephrite (?) Axe, in horn socket, *from Font*; another, similar, *from Neuchatel*; a diorite Axe, in socket; and two small Chisels, also mounted in horn 5

813 A fine bronze Sickle, of early form; and a good tanged Knife, with curved blade; *both from Neuchatel* 2

814 A very fine bronze Pin, with globular head, having four circular openings at the sides; nine bronze Pins, with decorated heads; a Fish Hook; a coiled Ring; and two other Objects, *a very good lot* 14

815 Ten Spindle Whorls, in stone and pottery, of the bronze period; *from Estavayer* 10

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816 Four worked Flakes; nine unfinished Implements; and six plain Flakes; *all found in Egypt* 19

817 Twelve Flakes, with secondary chipping; and twenty-four plain Flakes; *Egypt* 36

818 A similar lot; *Egypt* 36

819 A series of fifty-one flint Arrow Heads, *found in Ohio and other American localities*, on five cards 51

820 Another series, including some unusually fine examples 40

821 A large grooved Axe, *Illinois*; and five others, *said to have been found at Saint Vincent* 6

822 An Adze, *from Easter Island*; two others, *Solomon Islands*; a Chisel, *Fiji*; and a long obsidian Flake, with trimmed edge, *Admiralty Islands* 5

823 A small Axe; a discoidal Stone, *Arkansas*; three Axes, *New Guinea*; a Chisel, *Pitcairn Island*; and two others 8

824 A very fine and unusually large Adze, and three others; *all from New Guinea* 4

825 Eight finely chipped glass Lance Heads, *from Australia*, on card 8

826 Three glass Lance Heads; three others of chert; and two other Implements, in original shafts; *Australia*, on card 8

827 Four Knives, mounted in gum handles; two Scabbards or Sheaths; a Spear Point; and nine Arrow Heads, in various materials; *W. Australia* 16

828 Two well decorated Boomerangs; four others; a Waddy or Club; three Spear Throwers; and two "Bull Roarers"; *Australia* 12

829 A number of roughly chipped Implements, *from Tasmania*, in various materials *a lot*

830 Two grooved Hammers; and four others, *Australia* 6

831 Ten well-chipped Spear Heads of chert; and four Flakes, some with gum mounting, *Australia* 14

832 Twelve chipped glass Lance Heads; *Australia* 12

833 AN UNUSUALLY LARGE AND FINE "CEREMONIAL AXE," of dark stone, with pointed butt, semi-circular cutting edge, and pointed oval section, 17 *in. by* 5½ *in.*; *from New Guinea* 1

834 Three hafted stone Weapons, *Australia*; a wooden Paddle; and a Shield and a slender Club, both decorated 6

835 Four good hafted Adzes; *New Guinea* 4

836 Two hafted shell Adzes, *Admiralty Islands*; a hafted Axe; and another, of jade (?), *both New Guinea* 4

837 Two hafted Adzes, *Fiji*; and a jade (?) Axe, in carved wooden handle, *Samoa* 3

838 A decorated Dancing Club, of canoe form, *New Hebrides*; a carved Adze Handle; and three others 5

839 A Club, made from a sawfish snout, *New Guinea*; two Shields, *Australia*; and another, of plaited cane 4

840 A Quiver of Arrows; four mounted stone Implements, *Australia*; two decorated lime Spoons, of large size, *New Guinea*; and a carved Club, *New Guinea* (?) 8

841 A stone Tomahawk, and another, with metal head, decorated, *both N. America*; two incurved Axes, *Saint Vincent*; a stone Axe, *Togoland*; and a stone Disc, from a digging-stick, *Cape Colony* 6

842 Three carved wooden Clubs, *Fiji*; and a well-carved Spear, with obsidian head 4

843 Five various stone-headed Clubs; *New Guinea* 5

844 A similar lot 5

845 A similar lot 5

846 Eighteen small stone Adzes, *some roughly chipped*; and thirty-three Fragments; *from various New Zealand localities* 51

847 A stone Adze, in elaborately carved wooden handle, *rare*; and another, in a plain handle, *from H.M.S. Challenger expedition*; *both from New Zealand* 2 XV

848 Five "Moa Stones"; six shell Objects; a Scraper, *Nelson*; four small Adzes; and six Fragments; *all from New Zealand* 22

849 A stone Adze, with curious ridge on blade, 9 *in.*; and three small Adzes; *all New Zealand* 5

850 A finely-polished stone Mere, 12 *in. long*; and two well-finished Adzes; *New Zealand* 3

851 An unusually well-chipped Chisel, in basalt, 10½ *in. long, very fine*; and three polished Adzes; *all from New Zealand* 4 2/8/- Belfast Mus

852 A fine jade Adze, 7½ *in. long, Auckland*; an Axe, with oblique edge (*found in the Thames*); and a roughly chipped Block, *from the Rakaia encampment*; *all from New Zealand* 3

853 A fine Chisel, in light green stone, 6½ *in. long*; two Adzes, in ordinary material, with highly polished surface; and a small Adze, of jade; *all from New Zealand* 4

854 A flat Blade, of jade, with saw cut on side; and four others, in similar material; *New Zealand* 5

855 An important Tiki, of jade, of unusually good workmanship, 4¼ *in. long, New Zealand* 1 4X

856 Another, in bone, 3 *in. long, rare, New Zealand* 1 XVI

857 Three fine Ear Pendants, of jade, *New Zealand* 3

858 Another, of curved form; an Example of rich green colour; and another, in darker material, 4 *in. long*; *New Zealand* 3

859 A number of Implements and Bones, *from the Torbryan Caves, Devonshire*; a chipped Axe, *from the Thames*; twelve fine flint Arrow Heads, *found in Egypt*; three various polished Axes; and seven others *a lot*

860 Four ribbed glass Balls, *from India*; a Fish Hook and two decorated Rods, *from West Australia*; six recently mounted Implements; and two others 15

861 Five Chinese Armlets; five Charms; and two Seals, some of jade, on card 12

862 A Chinese Armlet; six Ornaments; and four Rings, all of jade, on card 11

40/- 863 Thirteen pigmy Implements, *Yorkshire*; and twenty-four English flint Arrow Heads 37 40/- Keller

32/- 40/- 864 Nine chert Knives; thirty Arrow Heads; and a Borer, *Japan* 40

4/15/- 90/- 865 Seven extremely tiny Arrow Heads, *found in Colombia River*; six flint Arrow Heads, and four coarser Implements, *Italy*; two Arrow Heads, *from Finisterre*; and seven Arab Amulets, in carnelian 26

22/- 50/- 866 Ten Implements, *from the Cape of Good Hope*; and sixty-five Pigmies and tiny Flakes, *from various Indian localities* 75

END OF SALE.

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PLATE I.

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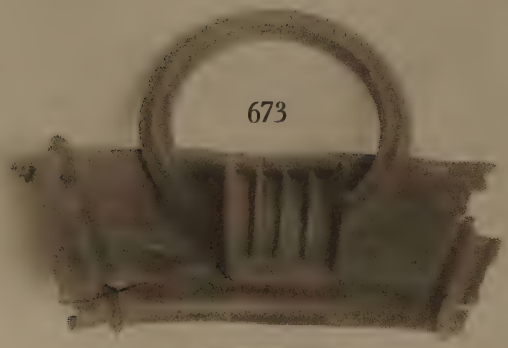

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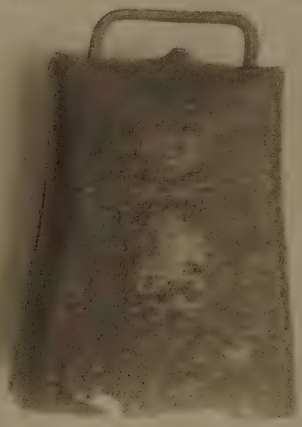

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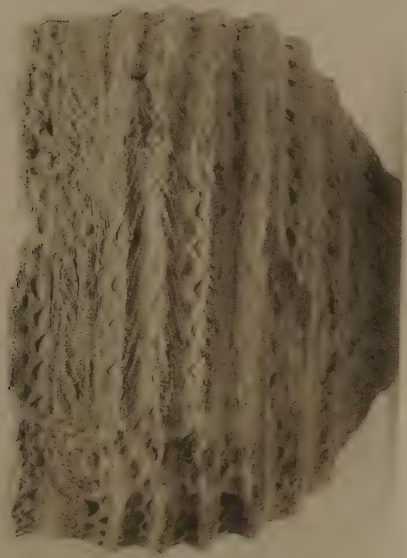

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Messrs. SOTHEBY, WILKINSON & HODGE make Valuations for Probate, Insurance, &c., at 1 per cent. with a minimum fee

In London	£ 5 5 0
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Together with Travelling Expenses.

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Properties are inspected and owners advised with view to a Sale by Auction, at a fee

In London	£2 2 0
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Together with Travelling Expenses.

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NOTICES OF ALL SALES APPEAR IN THE FOLLOWING PAPERS:—

Mondays	Daily Telegraph; Morning Post.
Tuesdays... ...	Times.
Saturdays ...	Spectator.

NOTICES OF SPECIAL SALES APPEAR IN THE FOLLOWING PAPERS:—

A. ENGLISH.

Thursdays	Times Literary Supplement; Scotsman, and Glasgow Herald.
Saturdays	Country Life; Sphere; Illustrated London News; Field; Publishers' Circular; Clique;

and *Monthly* in the Burlington Magazine; Connoisseur; London Mercury, and Bookman's Journal.

B. FOREIGN.

Journal des Arts (Paris).	Philadelphia North American.
Gazette de l'Hotel Drouot (Paris).	New York Times.
American Art News.	New York Evening Post.
Chicago Daily News.	Boston Evening Transcript.

and International Studio.

BAKER, LEIGH & SOTHEBY.

THE FIRM COMMENCING WITH SAMUEL BAKER IN

1744.

SOTHEBY, WILKINSON & HODGE.

1924.

Mr Cowping 17/24 Nov 1924

WA/HMM/Cow/1/1/20/630/3

SOTHEBY, WILKINSON & HODGE,

34 & 35, NEW BOND STREET, W. (1)

CATALOGUE

OF THE

WELL-KNOWN & REPRESENTATIVE COLLECTION

OF

PRE-HISTORIC ANTIQUITIES, ETC.

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, ESQ., M.R.I.A.

of Flixton Place, Ballymena

Days of Sale.

FIRST DAY	Monday,	17th November	Lots 1 to 226
SECOND DAY	Tuesday,	18th November	Lots 227 to 448
THIRD DAY	Wednesday,	19th November	Lots 449 to 667
FOURTH DAY	Thursday,	20th November	Lots 668 to 866

1924.

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Engravings, Etchings, Drawings and Pictures	0	4	0
Japanese Colour Prints and Works of Art	0	1	0
Persian Drawings and Works of Art	0	1	0
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	£	s.	d.
Antiquities (Primitive, Egyptian, Greek, etc.)	0	5	0
Autograph Letters	0	5	0
Books and Manuscripts	2	0	0
Coins and Medals	0	10	0
Engravings, Etchings, Drawings and Pictures	1	0	0
Japanese Colour Prints and Works of Art	0	2	6
Persian Drawings and Works of Art	0	2	6
Works of Art (including Armour, China, Furniture, Glass, Jewellery, Miniatures, Silver, Textiles, etc.) ...	1	0	0
	£5	5	0

BUYER Comins

AUCTIONEERS Sotheby's

Date 17/11/24 & 18/11/24

Lot	Amount £	s.	d.
28	1	2	
29	1	0	
33	1	3	
43	1	2	
45	2	0	
53	1	0	
61	1	12	
63	1	12	
72	2	2	
73	2	8	
80	2	4	
81	2	2	
82	1	14	
83	1	12	
98	1	6	
100	1	10	
First Day	25	9	
220	2	0	
264	2	0	
271	1	10	
277	2	6	
293	1	10	
295	1	16	
297	2	0	
310		7	
311		6	
	39	4	C/F

Lot	Amount £	s.	d.
2nd day Com			
B/F	39	4	
336	1	4	
340	1	4	
351	1	14	
360	2	0	
361	1	15	
372	3	5	
378	3	5	
379	3	0	
392	2	15	
393	2	18	
395	3	0	
396	4	10	
404		12	
405		6	
406	4	0	
407	3	10	
409	3	10	
410	3	0	
416	1	0	
417	3	0	
418	3	15	
419	3	15	
421	3	0	
430	3	10	
441	3	5	
442	3	5	
445	3	5	
1st & 2nd Day	112	7	C/F

Srv. Mu. 2

BUYER Cornins

AUCTIONEERS Sotheby's

Date 19/11/24 to 20/11/24

Lot	Amount £	s.	d.
B/7.	112	7	
467	2	15	
477	3	0	
478	3	0	
487	4	0	
488	3	0	
491	2	0	
492	1	5	
502	2	10	
526	3	0	
528	2	2	
529	2	0	
530	2	0	
545	2	2	
546	2	15	
555	4	5	
556	3	5	
1½d + 3d day	155	6	
711	6	0	
754	6	5	
758	1	5	
809	2	12	
810	1	10	
811	2	10	
812	3	0	
	178	8	C/F

Lot	Amount £	s.	d.
B/7.	178	8	
825	2	2	
826	2	5	
827	3	5	
828	4	10	
830		12	
833	20	0	
836	4	15	
837	3	0	
838	2	0	
839	3	0	
* 847	10	10	
848		18	
849	2	2	
850	3	3	
852	5	5	
855	23	10	
856	12	0	
864	1	12	
865	4	15	
866	1	2	
Total	288	14	
* 846	2	.	.
	290	14	

Srv. Mu. 2

BUYER ..... Date .....

AUCTIONEERS .....

Lot	Amount £	s.	d.	Lot	Amount £	s.	d.
1st Day's Sale	25	9					
2 " "	86	18					
3 " "	42	19					
4 " "	135	8					
	290	14					

STY. MU. 3

BRONZE CAULDRONS, SWORDS, DECORATED SPEAR HEADS AND MOULDS;

POTTERY FOUND IN BARROWS OF THE BRONZE AGE;

CELTIC ANTIQUITIES, IN BRONZE AND IRON, INCLUDING RING BROOCHES, BELLS, AND BEADS IN GLASS AND AMBER;

ALSO

OBJECTS OF LATER PERIODS, INCLUDING RARE CHARMS FROM IRELAND, A FINE TIKI FROM NEW ZEALAND, &C.

WHICH WILL BE SOLD BY AUCTION

BY MESSRS.

SOTHEBY, WILKINSON & HODGE,

The Rt. Hon. SIR MONTAGUE BARLOW, Bt., K.B.E. G. D. HOBSON, M.V.O. F. W. WARRE, O.B.E., M.C.
C. G. DES GRAZ, B.A. MISS E. BARLOW.

Auctioneers of Literary Property & Works illustrative of the Fine Arts.

AT THEIR LARGE GALLERIES, 34 & 35, NEW BOND STREET, W.(1)

On MONDAY, 17th NOVEMBER, 1924, and Three following Days,

AT ONE O'CLOCK PRECISELY.

MAY BE VIEWED TWO DAYS PRIOR. CATALOGUES MAY BE HAD.

Illustrated Catalogues (Eight Plates), Price 2s. 6d.

Printed by J. Davy & Sons, 8-9, Frith-street, Soho-square, London, W. 1, England.

BUYER Comins

AUCTIONEERS Sotheby's

Date 19/11/24 to 20/11/24

Lot	Amount £	s.	d.
B/7.	112	7	
467	2	15	
477	3	0	
478	3	0	
487	4	0	
488	3	0	
491	2	0	
492	1	5	
502	2	10	
526	3	0	
528	2	2	
529	2	0	
530	2	0	
545	2	2	
546	2	15	
555	4	5	
556	3	5	
1st 2nd + 3rd day	155	6	
711	6	0	
754	6	5	
758	1	5	
809	2	12	
810	1	10	
811	2	10	
812	3	0	
	178	8	C/F

Lot	Amount £	s.	d.
B/7.	178	8	
825	2	2	
826	2	5	
827	3	5	
828	4	10	
830		12	
833	20	0	
836	4	15	
837	3	0	
838	2	0	
839	3	0	
* 847	10	10	
848		18	
849	2	2	
850	3	3	
852	5	5	
855	22	10	
856	12	0	
864	1	12	
865	4	15	
866	1	2	
Total	288	14	
* 846	2		
	290	14	

Stv. Mu. 2

CATALOGUE

OF THE

WELL-KNOWN COLLECTION

OF

Pre-historic Antiquities, etc.

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A.

of Flixton Place, Ballymena,

COMPRISING

MANY EXAMPLES FROM EARLY INHABITED SITES;

OBJECTS FROM THE EARLY FACTORY OF WEAPONS, IN BASALT, NEAR CUSHENDALL

FINE SPECIMENS OF FLINT AXES, KNIVES, SPEARS, &C.;

BRONZE CAULDRONS, SWORDS, DECORATED SPEAR HEADS AND MOULDS;

POTTERY FOUND IN BARROWS OF THE BRONZE AGE;

CELTIC ANTIQUITIES, IN BRONZE AND IRON, INCLUDING RING BROOCHES, BELLS, AND BEADS IN GLASS AND AMBER;

ALSO

OBJECTS OF LATER PERIODS, INCLUDING RARE CHARMS FROM IRELAND, A FINE TIKI FROM NEW ZEALAND, &C.

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CONDITIONS OF SALE.

I. The highest bidder to be the buyer; and if any dispute arise between bidders, the lot so disputed shall be immediately put up again, provided the auctioneer cannot decide the said dispute.

II. No person to advance less than 1*s.*; above five pounds 2*s.* 6*d.*, and so on in proportion.

III. In the case of lots upon which there is a reserve, the auctioneer shall have the right to bid on behalf of the seller.

IV. The purchasers to give in their names and places of abode, and to pay down 10*s.* in the pound, if required, in part payment of the purchase-money; in default of which the lot or lots purchased will be immediately put up again and re-sold.

V. The sale of any lot is not to be set aside on account of any error in the enumeration of the numbers stated, or errors of description.

VI. The lots to be taken away, at the buyer's expense, immediately after the conclusion of the sale; in default of which Messrs. SOTHEBY, WILKINSON & HODGE will not hold themselves responsible if lost, stolen, damaged, or otherwise destroyed, but they will be left at the sole risk of the purchaser. If, at the expiration of Two Days after the conclusion of the sale, the lots are not cleared or paid for, they will then be catalogued for immediate sale, and the expense, the same as if re-sold, will be added to the amount at which they were bought. Messrs. SOTHEBY, WILKINSON & HODGE will have the option of re-selling the lots uncleared, either by public or private sale, without any notice being given to the defaulter.

VII. Upon failure of complying with the above conditions, the money required and deposited in part of payment shall be forfeited, *and if any loss is sustained in the re-selling of such lots as are not cleared or paid for, all charges on such re-sale shall be made good by the defaulters at this sale.*

Gentlemen, who cannot attend this Sale, may have their Commissions faithfully executed by their humble Servants,

SOTHEBY, WILKINSON & HODGE,
34 & 35, *New Bond Street, London, W.* (1)

Telegraphic Address:
"*Abinitio, Wesdo, London.*"

Telephone: (2 *lines*)
Mayfair, 1784, 1785.

In sending Commissions this Catalogue may be referred to as "DIDO."

COMMISSIONS SENT BY TELEPHONE ARE ACCEPTED ONLY AT THE SENDER'S RISK, AND MUST BE CONFIRMED BY LETTER OR TELEGRAM.

PREFACE.

THE Collection of the veteran Irish Antiquary, Mr. W. J. Knowles, has been known to Archæologists for many years, and the results of his exploration of the famous inhabited sites of the Neolithic period in Ireland have been published in the Transactions of various learned Societies.

The disposal by auction of such an interesting range of pre-historic objects deserves more than passing notice, and it may also be specially remarked that the opportunity of acquiring figured types of stone and bronze implements does not often occur.

Attention should be called to the splendid series of flint implements, and to the weapons, moulds and pottery of the bronze age. Specimens of such pottery are very rare and difficult to obtain, for those that exist have mostly been retained in Ireland.

The Celtic items in the collection are noteworthy, including bells, fibulæ and pins, and there are also good representative series of implements from Egypt and countries other than Ireland, as well as objects of later periods, including savage weapons from New Zealand.

CATALOGUE

OF

THE WELL-KNOWN COLLECTION

OF

Pre-historic Antiquities, Etc.

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A.

of Flixton Place, Ballymena.

FIRST DAY'S SALE.

Monday, November 17th, 1924.

IMPLEMENTS OF THE NEOLITHIC PERIOD FOUND IN IRELAND

(most of the Objects have the Localities marked upon them).

IMPLEMENTS FOUND ON "WORKSHOP" SITES.

THE RIVER BANN.

LOT		
157-1	Thirteen good flint Knives; and nine unfinished Spear Heads, on two cards	~~22~~
157-2	Three unusually long Flakes; and eighteen others, with worked butts, on three cards	21
3	Twenty-nine Flakes, with worked butts, on two cards	~~29~~ 25
4	A hollow Scraper; a Knife; three Cores; two fine Scrapers; two Borers; three plain Flakes; and two trimmed Flakes (*all illustrated in the Journal of the Roy. Irish Academy, vol. XXX, plates* 12-14).	14

5 A fine Knife; two Scrapers; three Cores; five Borers; three plain Flakes; and a Knife with incurved cutting edge (*all illustrated in the same Journal as previous lot*)

6 Eight flint Axes of "Kitchen Midden" type, *rare* 8

7 Eight hollow Scrapers; eight Borers; and four knives, *all good specimens* 20

8 A similar lot, *also good* 20

9 Another lot, *also good* 20

10 Six unusually good Scrapers, *found together at Port Glenone*; four Cores; six Knives; and four "Points," *a good lot* 20

11 Twenty tanged Knives; a Scraper; two Fabricators; twelve other Knives; and six pointed Implements 40

12 A similar lot 40

13 A similar lot 40

14 A similar lot 40

15 A similar lot 40

16 A similar lot 40

17 A similar lot 40

18 A similar lot 40

19 A similar lot 40

20 A simila lot 40

21 An unusually fine Borer or Pick; a large Flake, with worked sides; four Fabricators; two Cores; two Scrapers; ten tanged Knives; sixteen "Points"; a flint Adze; and a small Axe 40

22 A curious flint Chisel, with ground edge, *rare*; a smaller example; four roughly chipped Axes; a Pick; ten pointed Implements; and four others 21

23 A curious Core, with palæolithic patina, *found at Culbane*; twelve other Cores; three hollow Scrapers; ten Knives; twelve "Points"; and twelve typical Flakes 50

24 Twelve Cores; seven "Points"; six Knives; and twenty Flakes 45

25 A similar series 45

26 Another series 45

27 Thirteen Cores; six "Points"; six Knives; and twenty-five Flakes 50

28	Twenty Cores; six Knives; and fifty Flakes	76	
29	One hundred typical Flakes	100	
30	One hundred-and-thirty similar Flakes	130	26/- Wilton
31	One hundred others	100	20/-
32	One hundred others, with secondary chipping, *an interesting lot*	100	26/- Lawrence
33	Eighty-one others, many with secondary chipping, *including one illustrated in Jour. R. I. A., vol. XXX, pl.* 12, *fig.* 11	81	
34	Thirty very fine Flakes; *found in the Bann at Coleraine*	30	3/4/- Nelson
35	Eighty unusually fine Flakes, some with secondary chipping (*one illustrated*)	80	18/- Lawrence
36	A coarsely chipped "Point" of Moustierian form; *found at Culbane, rare* (*Ill. in Jour. R. I. A., vol. XXX, pl.* 13, *fig.* 42)	1	3/-/- Nelson
37	Ten Axes of "tranchet" type; *found in the Bann, rare*	10	2/12/- Taylor
38	Another series	10	22/- Wilton
39	Another series	10	22/- Wilton
40	Another series	10	22/- Wilton
41	An Implement, with palæolithic patina; and nine "tranchet" Axes	10	26/-
42	A finely worked "Point" (*Ill. Jour. R. I. A., vol. XXX, pl.* 14, *fig.* 44); a finely chipped "tranchet" Axe (*Ill. R. S. A. I., vol. III, pl.* 144, *fig.* 6); another (*same Journal, fig.* 7); two Ovates; and six "tranchet" Axes	11	2/
43	A series of polished Axes and other Implements, *some doubtful*	13	12
44	Twenty stone spindle Whorls	20	3/-/-
45	Twelve plain Hone Stones; and eight others, with perforations	20	
46	A similar lot	20	4/13/6 Taylor
47	Ten plain Hones, and ten perforated examples	20	4/10/-
48	Seven plain Hones; two perforated "tracked" Stones; six perforated Hones; a stone Pendant; a decorated Stone, with two perforations; and a grooved Whetstone	18	4/17/6 Taylor
49	Fifty Flakes, some with secondary chipping	50	[illegible] Wilton
50	A Handle for an implement, made from the root of a tree, of globular form, with conical socket for the insertion of a flint, 2 *in. long*; *found at Culbane, extremely rare, if not unique* (*Ill. Jour. R. I. A., vol. XXX, pl.* 13, *fig.* 24)		2/-/-

WHITE PARK BAY SITE.

51 A series of Cores, Scrapers, and other Implements *about* 100

52 A similar series *about* 100

53 A small Slab of Chalk, with two deep grooves on one face; and a series of side and end Scrapers 38

54 A series of Scrapers, including some hollow varieties; and several small Axes *a lot*

55 Seven tanged Arrow Heads; two Scrapers; and a Flake (*several illustrated in Jour. R. I. A.*) 10

56 Sixteen Scrapers (*also illustrated*) 16

57 A tanged Implement (*illustrated*); a fine leaf-shaped Arrow Head; seventeen Knives; and twenty-five other Implements 44

58 Seventeen Knives; sixteen Arrow Heads, of varied types; and seven other Implements; *all found at Portstewart* 40

59 A series of notched Scrapers, and Knives; *White Park Bay* 38

60 Three well chipped Knives; fourteen Borers; and seven other Implements 24

61 Two polished Axes; fifteen Hammer Stones; two perforated Implements; a fine Knife; a Flake (*illustrated*); seven Cores; and twenty-six other Implements 54

PORTSTEWART SITE.

62 Fifty Scrapers; twenty Cores; and thirty Flakes 100

63 Two Axes of "Midden" type (*one Ill. Jour. R. I. A.*); ten Knives; five Pounders; and thirty-one other Implements, *some good* 48

64 Five "steep-ended" Scrapers; another, with palæolithic patina; and seven ordinary examples, *all good* 13

65 A series of Scrapers, of varied types *about* 150

---

66 Twenty-five broken Arrow Heads; and a number of Cores and Scrapers; *found on Dundrum Sandhills* 57

67 An interesting series of roughly chipped Implements of basalt, many of scraper form; *found at Tievebullagh* 30

68 Fourteen Implements, of quartzite; *found at Maghera* 14

69 Sixteen small Pebbles, *found together at Portstewart*; nine Cores and twenty-six Flakes, *from Dundrum*; and fifteen others, *some from Portstewart* 66

70 A group of Scrapers and Flakes, *from the "black layer" at White Park Bay*; and six Flakes of light weight, *from Culbane* *a lot*

71 Three tanged Knives; a chisel-ended Arrow Head; a Scraper; a Hammer Stone of quartzite (*Illustrated R. I. A.*, 1901); and a number of other Implements; *found on the sandhills at Narin, Co. Donegal* *a lot*

FROM THE "AXE FACTORY" AT TIEVEBÚLLAGH, NEAR CUSHENDALL, CO. ANTRIM.

72 One hundred "Axes in the making"; and twenty spherical Hammer Stones, all of basalt 120

73 A similar series 120

74 A similar series 2/16/- Kellow 120

75 Another series 2/6/- 120

76 Another series 3/5/- Wilson 120

77 Another series 2/6/- Wilson 120

78 Another series 2/4/- Kellow 120

79 Another series 2/6/- Fenton 120

80 Another series 120

81 Another series 120

82 Another series 120

83 Another series 120

84 One hundred unfinished Axes 2/5/- Wilson 100

85 One hundred, similar 3/5/- 100

86 Another lot, similar 3/0/- Fenton 100

87 Another series 3/4/- 100

88 Another series 2/-/- Wilson 100

89 Another series 3/0/- 100

90 Another series 3/6/- Wilson 100

91 Another series 3/2/- Wilson 100

92 A number of broken Axes; others "in the making"; a few flakes; and some rather well-chipped examples of unfinished Axes, all in basalt 129

93 A series of Needles and other Bone Implements, *chiefly found at White Park Bay*; Bones of the Great Auk and the Gannet, *also from White Park Bay* *a lot*

94 Two perforated stag-horn Implements, *rare*; a piece of Horn with cuts on side, and a Flint found with it (which fits the cuts); two notched Bones; a Tusk; two parts of Horn Picks; Human Bones; and six decorated fragments of Bronze Age Pottery; *all found at White Park Bay* *a lot*

95 Several worked Bones and fragments of Stag's Horn; decorated fragments of Pottery, *from Portstewart*; Pottery Fragments, *from Dundrum*; and a small box of Teeth and Shells, *from Narin* *a lot*

96 A lump of Red Ochre, *found at Culbane*; a Celtic Bronze Pin, with decorated head, *Portstewart*; specimens of Mud, *from Lisnacroghera Crannog*; Red Paint, *found at Portstewart*; three early Palettes; four lumps of Ochre; and a perforated Stone Pendant, *all from White Park Bay, an interesting lot* *a lot*

---

97 Sixty Flint Objects, considered by Mr. Knowles to be Eoliths, showing various stages of chipping (one having marks of glaciation on its flaked surface), *from Larne and other localities* 60

98 Sixty other similar Objects, *same localities* 60

99 Fourteen pick-shaped Implements: thirteen Flakes and five Cores, with palæolithic patina, *from Larne, etc.* 29

100 A similar lot 29

ARROW HEADS & OTHER IMPLEMENTS OF FLINT,

FOUND IN COUNTIES DOWN AND ANTRIM.

101 Sixteen very fine barbed Arrow Heads; and five others, with indented bases, on three cards 21

102 Forty-eight barbed and stemmed Arrow Heads; and forty-one others, in black basalt? of varied types, *found at Ballinaloot, rare*, on six cards 89

103 Nine kite-shaped Arrow Heads; nine good examples of large barbed Arrow Heads; twelve stemmed specimens; eighteen indented examples; and nine others, on six cards 57

104 Thirteen fine large barbed Arrow Heads; and forty-seven others, of varied types, on five cards 60

105 Ninety-two Arrow Heads, of varied types, on six cards, *some good* 92

106 Ninety-five others, of varied types, on five cards, *some fine* 95

107 Eighty-eight others, similar, on five cards, *some very fine* 88

108 Fifty-seven others, of varied types, on five cards, *some good* 57

109 Sixty-three others, some with polished faces, on five cards, *a very good lot* 63

110 Seventy-three others, some rare forms included, on six cards 73

111 Seventy-six others, varied, on five cards, *some very fine* 76

112 Fifty-three others, of varied types, some fine examples included, on five cards 53

113 Seven leaf-shaped Spear Heads, of early form; and fifty-eight others, varied, on five cards, *some fine* 65

114 A fine Lance Head, 5 *in. long*, with both faces ground; five others; and fifty-eight specimens, of varied form, on five cards 64

115 An extremely interesting leaf-shaped Arrow Head, showing the scars of the shaft; a barbed specimen, mounted in a piece of an American bone shaft; a fine serrated Arrow Head; and fifty-nine others, on five cards, many fine specimens included 62

116 Sixty-one varied examples of Arrow Heads, on five cards, *some fine* 61

117 Nine unusually fine lozenge-shaped Lance Heads, some of early form; and fifty-six others, of varied types, on five cards 65

118 Sixty-nine selected examples of Arrow and Lance Heads, some extremely fine lozenge and other forms included, on five cards 69

119 Nine good lozenge-shaped Lance Heads, some partly ground; and sixty-nine others, of varied types, on five cards 78

120 An extremely fine leaf-shaped Lance Head (*used in curing cows*); and eight others, *all fine*, on one card 9

*** The "elf dart," or arrow, was popularly credited in Ireland with having the power to cure sick cattle. (*See Evans' Ancient Stone Implements, second edition, p.* 365).

121 A lozenge-shaped Lance Head, in dark flint, having a light-coloured scar in the centre of the blade, 3¼ *in. long, found in Craig Bog* (*see Jour. Soc. Ant. of Scotland, vol. XLIII, fig.* 3, *p.* 280);

LOT 121—*continued.*

another of more slender form, with a similar scar (*also illustrated*); and two others, with scars; *all found in Co. Antrim*, on one card 4

*** The interesting missiles showing the scar of the original arrow shaft, are *of the highest rarity.*

122 Portion of the wooden Shaft of an arrow head, with the original binding of sinew, *found in Kanes Town Bog, also of the highest rarity* (*see Jour. Anth. Inst., vol. XXXIII, p.* 55) 8/-/- Maylor

123 A leaf-shaped Lance Head, showing scars of the shaft, 3 *in. long, found at Curncarney, near Kells*; and another of broad lozenge form, with similar scar, *also of great rarity* 2 10/-/- "

30/- 124 Two others of javelin head type; and two smaller specimens, all showing similar scars; *Co. Antrim* 4 6/15/-

50/- 125 A coarsely chipped lozenge-shaped Flint used for curing cattle; *from Craigbally* (*see previous note*); and two small Arrow Heads 3 6/15/- Dillon

35/- 126 Twenty-five selected Arrow Heads of varied types, *all very fine* 25 3/5/- Eder

20/- 127 A similar lot 4/-/- Lawrence 25

20/- 127A A similar lot 5/-/- Fenton 25

128 A similar lot 6/-/- 25

129 A similar lot 5/10/- 25

130 A similar lot 6/-/- Elder 25

131 A similar lot 4/15/- Fenton 25

132 A similar lot 4/10/- " 25

133 A similar lot 4/5/- Maylor 25

30/- 134 An unusually fine kite-shaped Lance Head, with extremely delicate chipping, and remains of polishing on the two faces, 6 *in. long*; *found in peat between Bellaghy and Castle Dawson* [Pl. I] 1 25/-/- Belfast Museum

25/- 135 Another, with strong angular projections towards the base, chipped only (*repaired*), 5¼ *in. long, found at Glenleslie* [Pl. I]; and a finely chipped lozenge-shaped Lance Head, 4 *in. long, found at Ballyvady* 2 10/-/- "

25/- 136 Another, in grey flint, most delicately flaked, with polish on both faces, 5⅞ *in. long*; *found at Tyhorney* [Pl. I] 25/-/- "

*** Both Nos. 134 and 136 are illustrated in *Jour. Anth. Inst., vol. XXXIII, pl.* XI.

20/ 137	A finely chipped Knife, $3\frac{3}{4}$ *in.*; three "Points à cran" of Solutré type; nine Arrow Heads; two other Knives; four other Implements, *found at Portstewart and Grangemore*; a leaf-shaped Lance Head; and a leaf-shaped Blade, $3\frac{5}{8}$ *in. long, found at Watercloney, both fine*	21	2/10/- Kellor
35/ 138	An interesting series of seventy leaf-shaped Arrow Heads; *Co. Antrim*	70	2/-/- Elder
139	A similar series	69	3/5/-
140	Another series	70	3/15/- Elder
141	A similar lot	70	4/-/- "
142	A similar series	70	4/-/- "
143	A similar lot	70	3/10/- Lawrance
144	A similar lot, *some fine*	70	3/15/- Elder
145	A similar lot, *some fine*	70	3/10/-
60/ 146	Another series, chiefly of the barbed and indented types, *some fine*	70	4/10/- Wilton
50/ 147	Another series, similar 5/-/- Elder	70	
148	Another lot, similar 4/5/- Maylor	70	
149	Another lot, similar 2/15/- Kellor	70	
150	Another lot, similar 3/10/-	70	
151	Another lot, similar 4/-/- Elder	70	
152	Another lot, similar 4/-/- Wilton	70	
153	Another series of selected varied types 3/15/- Fenton	70	
154	A similar series 4/5/-	70	
50/- 155	A similar series, *very good* 4/-/- Lawrance	70	
156	A similar lot, including a tiny example, *all good* 3/15/-	70	
157	A similar lot, *all good* 3/5/-	70	
158	Another good lot, including several serrated examples 3/-/-	70	
159	Another series of varied types 3/-/- Fenton	70	
160	Another series, similar, *some good* 3 Lyno	70	
161	Another series, several serrated 3/15/- Fenton	70	
162	Another series, *some very fine* 4/10/- "	70	
163	Another series 3/-/- Maylor	70	
164	Another series, *some fine* 3/15/-	70	

165 Another series, *some fine* 70 2/15/-

166 Another series, *many fine*, including a fine lozenge-shaped Arrow Head 70 4/15/-

167 A similar series, *some very fine* 70 3/10/- Elder

168 Another lot, chiefly of leaf form, *some very fine* 70 3/5/- "

169 Another series, *some very fine* 70 3/5/- "

170 Another series, including many barbed varieties 70 3/5/- "

171 An interesting series, including a lozenge-shaped Lance Head of unusual size, and some rarer varieties of Arrow Heads 70 3/15/-

50/ 172 Another lot, including many fine barbed specimens 70 2/15/- Wilton

173 Another lot, some fine Lance Heads included 3/15/- 70

174 Another series, including many varieties 3/5/- 70 Wilton

175 Another lot, varied types, *some very fine* 3/15/- 70 Lawrence

176 Eighty-seven leaf-shaped Arrow Heads of varied types 4/-/- 87 Fenton

177 Another lot, similar 3/6m 87

50/ 178 An interesting series of leaf-shaped, indented and partly finished Arrow Heads; *Co. Antrim* 114 3/10/- Wilton

179 Another series of Arrow Heads of varied forms, some of rich red colour, others made of basalt (?), many of them beautifully chipped; *all with Antrim localities* 70 10/-/- Wilton

180 Another series of varied forms; *found at Culbane* 50 2/15/-

181 A lot of fifty-three Knives, Spears and Arrow Heads, some in process of manufacture 53 3/-/-

182 Another series of Spear Heads, showing various stages of manufacture 66 3/15/- Wilton

183 A large series of Spear and Arrow Heads, tanged and barbed, and leaf-shaped; *found in the Bann* 115 9/5/- Taylor

20/ 184 A very fine leaf-shaped Lance Head, $4\frac{1}{2}$ *in. long*; another of lozenge form, $3\frac{3}{4}$ *in. long*; a Knife, with grinding on one face; and eight others; *all from Antrim, a good lot* 11 7/5/- Fenton

185 Another lot, similar 20 4/5/- "

186 A similar lot 27 2/15/-

187 A similar lot, some fine examples included 21 2/15/-

188 Another lot, similar 37 2/5/-

50/- 189	A Spear Head, of elongated kite form, well chipped, of unusually large size, 7½ *in.*; *found at Carndoo* (*Ill. Jour. Anth. Inst.*, *vol. XXXIII*, *pl.* VIII) [Pl. I]	1	10/-/- Belfast Museum
25/- 190	Implement, of broad leaf form, well chipped, 6⅞ *in. long*; *found at Brougham* (perhaps an unfinished axe), *interesting*	1	5/10/- "
191	Twenty very fine chipped Knives, of varied form	20	3/-/- Elder
192	A similar lot	20	3/15/- "
193	Another lot, *very fine*	30	3/10/- Lawrence
194	A selection of leaf-shaped Knives; tanged examples; and Borers, *all good*	40	3/5/- Elder
195	A similar lot	40	2/10/-
196	A similar lot	40	2/5/- Keller
197	A similar lot	40	3/5/-
198	A similar lot	40	2/5/- Wilton
199	A similar lot	40	3/5/- Lawrence
200	A similar lot	40	3/5/- Keller
201	A similar lot	40	3/0/-
202	Fifteen unusually fine leaf-shaped Knives; and six unfinished Knives or Spear Heads, on two cards	21	3/15/- Wilton
80/- 203	Fifteen tanged Knives; and ten unusually fine leaf-shaped Knives, on two cards	24	4/15/- Wilton
45/- 204	Another series, varied, on four cards	36	3/15/- "
50/- 205	A fine serrated leaf-shaped Knife; twenty-one others; and twelve tanged Knives, on three cards	34	3/10/- "
206	Another series, assorted	50	2/5/- Taylor
207	A similar lot	50	3/5/-
208	Twenty selected examples of Knives	20	3/5/-
209	A similar lot	20	2/-/-
210	A similar lot	20	3/5/- Keller
211	A similar lot	20	3/-/- Wilton
212	A similar lot	20	3/0/- Lawrence
213	Seventeen fine Knives; three very fine tanged examples; and seven very fine Borers	27	2/12/6 Wilton

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214 A Knife, of chipped flint, with rounded sides and square end, of unusually fine workmanship, $3\frac{7}{8}$ *in. by* $3\frac{1}{4}$ *in.*; *found in Carrick Bog, extremely rare* [Pl. I] 7/10/- Wilton 1

215 Another, of similar form, with ground surface, $3\frac{3}{8}$ *in. by* $3\frac{1}{8}$ *in.*, *Glenish*; and part of another, *also rare* 7/15/- Hayden 2

50/- 216 Another, similar, of good form, partly polished, with one side straight, $2\frac{3}{4}$ *in.*; and another, smaller; *both from Glenleslie* 2 5/-/-

30/- 217 Another, with semi-circular cutting edge and well ground surface, $2\frac{1}{2}$ *in. by* $2\frac{1}{2}$ *in.*, *from Glarryford*; and another, equally fine, *from Glenbush* [Pl. I] Hanway 2 6/10/-

218 Three ground Knives, of unusual type, *from Culbane and Portglenone, also rare* Wilton 3 6/15/-

219 Four others, in good condition, *Portglenone and Kilrea, also rare* 4 5/15/-

220 Another, of discoidal form, well chipped, $2\frac{1}{2}$ *in. diam.*, *Rathkenny*; and four others Heller 5 3/10/-

221 A leaf-shaped Lance or Knife; six Knives, some ground; and a large Scraper 8 30/-

222 Forty leaf-shaped Knives, many good specimens included 40 2/-/-

223 A similar lot 40 34/-

224 A similar lot 40 2/-/-

225 Forty others, similar 40 24/no

226 A similar lot 40 30/-

SECOND DAY'S SALE.

Tuesday, November 18th, 1924.

LOT			
227	Twenty very fine leaf-shaped Knives	20	24/-
228	Twenty similar	20	20/- "
229	Another lot of Knives, *also fine*	26	18/-
257 230	A large series of Scrapers; *from the Sandhills at Dundrum*	*about* 350	30/-
257 231	Thirty good Scrapers, *Culbane*; and over one hundred others, *found at Dundrum*	*about* 130	[illegible]
40/- 232	A hoard of fine Scrapers, of varied types; *found in Carriff Bog*	70	5/-/-
30/- 233	Another hoard; *from Tullynahinion*	60	2/05/-
60/- 234	A similar find; *from Carriff Bog*	40	[illegible]
20/- 235	A large number of Scrapers; *found at Glenleslie and other localities*	*a lot*	3/5/-
20/- 236	A similar series	*a lot*	21/18/-
237	Forty selected Scrapers, *all fine*	40	20/-
238	Another series, *equally good*	40	24/- Keller
40/- 239	Thirteen hollow Scrapers; a Knife; three others, *found at Three Towns Braid*; sixteen hollow Scrapers, *found under a stone at Glenhead*; and eight Implements, *from Maghery, an interesting lot*, in three boxes	41	5/-/-
14/- 67 240	x Sixty-five hollow Scrapers, with semi-circular notch in the blade (some serrated), probably used for smoothing arrow shafts and bone pins	65	
241	About 260 small Scrapers; *all found in Ireland*		2/14/-
242	A hoard of 138 Scrapers; *found together at foot of a peat bank at Glenhead*, 1911	138	6/10/-
243	A series of Scrapers, some circular, others hollow, some of button form, and others; *Cullybackey, and other localities*, on ten cards	131	5/10/-

244	Five fine ochreous Scrapers, *found together near Connor*; and five others, *found at Dunboy*	10
245	A hoard of seventeen fine Scrapers; *found together in a hole in a bog at Beggarstown*	17
246	An interesting series of hollow Scrapers, some serrated	50
247	A similar lot	50
248	Another lot, *equally good*	50
249	Another lot	50
250	A similar series	50
251	Another lot, similar	50
251A	Another lot, similar	50
252	Another series	50
253	Fifty others	50
254	Fifty others	50
255	Fifty others	50
256	Fifty others	50
257	Fifty others	50
258	Fifty others	50
259	Fifty others	50
260	Fifty others	50
261	Fifty others	50
262	Fifty others	50
263	Fifty others; two other Scrapers; a Knife; and two Flakes	55
264	Fifty-two tanged Knives of flint	52
265	Thirteen barbed Arrow Heads; and thirty-seven others, of varied types, *all good examples*	50
266	A similar varied series	50
267	Another lot, similar	50
268	A similar series	50
269	A smaller series	36
270	Another series, including many barbed varieties	40
271	Thirty tanged Knives, *some good*	30

272	Sixteen leaf-shaped Arrow Heads; an indented variety; two Borers; a Knife; and a dumbbell-shaped stone object; *all found at Culbane*	20	
273	Thirty good Flakes, many of them used as saws, *all with localities*	30	
274	A similar series	30	
275	A fine leaf-shaped Knife with serrated edge; a combined Saw and Scraper; and twenty-two good Flakes, some used as saws	24	
276	Twenty-six Knives and other Implements, *found in the River Bann, several very fine*; and three chipped Axes, *Glenleslie and Cushendall*	29	
277	A finely formed stone Disc with sharp edges; and seventeen others, similar, with flattened sides, *many from Ballymena, an interesting lot*	18	
277A	Twenty slug-shaped Knives; and twenty-five tanged Knives	45	
278	Twenty-two slug-shaped Knives; and twenty-eight tanged Knives	50	
279	Another lot, similar	50	
280	A similar lot	50	
281	A similar lot	50	
282	Fifty tanged Knives of flint	50	
283	A similar lot	50	
284	Another lot, similar	50	
285	A similar lot	50	
286	A similar lot	50	
287	A similar lot	50	
288	Twenty-one small flint Borers; *Culbane*	21	
289	Thirty-three pigmy Implements; *Culbane, rare*	33	
290	Twenty Borers and Pigmies; *Culbane and other localities*	20	
291	Thirty-four Pigmies of varied types; *Culbane*	34	
292	Nine Pigmies (*all figured in the Journal of the R. I. A., vol. XXX, pl.* 13)		
293	Nine fine tanged flint Flakes or Spear Heads; *from Cos. Antrim and Derry*, on card	9	
294	Eleven fine Knives; and sixteen good Borers, *from the same localities*; on two cards	27	

295 Sixteen triangular Knives; and Fifteen very fine Borers; *Cos. Antrim and Derry*; on two cards 31

296 Twenty good tanged Knives; and thirteen tanged Flakes and Knives; *from the same localities* 33

297 Two unusually good oval Knives; two Implements of unusual form; small polished Axe, *from Craigs*; and three small polished Axes, *found together in the Bann* 8

298 Four unusually fine Saws, *rare*; four worked Flakes; and nine unfinished Spear Heads; on two cards 17

299 Twelve unusually fine Scrapers; and a fine leaf-shaped Knife; *found in Co. Antrim*; on card 13

300 A large series of Flint Scrapers; *from various Irish localities* *about* 300

301 A similar series *about* 300

302 Another series *about* 300

303 A similar series *about* 300

304 A similar series *about* 200

305 A number of Cores of varied types; *found at Culbane* 75

306 An interesting series of small Flakes, *same locality* *about* 210

307 A large series of Flakes, including a number with secondary chipping; *found at Clough and other localities* *about* 250

308 Six Flakes, *found in a fort at Kells*; and five good Saws, *from various localities, rare* 11

309 A Saw, *found at Kanestown* (*Ill. Jour. R. I. A.*); and fourteen others 15

310 Eleven Saws, *some doubtful* 11

311 A similar lot 11

312 A series of chipped Axes, Scrapers and other Implements; *found at Tievebullagh* 37

313 A series of about two-hundred-and-twenty small Flakes; *found at Culbane* 220

314 Another series of 100 larger Flakes, some with secondary chipping at the point, *Culbane* 100

315 Twenty-eight triangular Flakes, *found together at Mosside*; and six other Flakes, *unusually good* 34

316	Forty-seven Arrow Heads; a Knife; and three Flakes; *some of daubtful antiquity*	51	16/-
317	Fifty flint Knives; *from various localities*	50	14/-
318	Fifty others	50	14/-
319	A similar series	50	20/- Elder
320	A similar lot	50	14/-
321	Sixty-three others	63	18/- Lawrance
322	Two-hundred flint Scrapers of varied types	200	2/8/- "
323	A similar lot	200	30/- Kellor
324	Another lot, similar	200	32/- "
325	A similar lot	200	30/- "
326	A similar lot	200	21/- Wilton
327	Forty Cores; and nineteen worked flint Flakes, *some good*	59	2/5/- Webb
328	Thirty-five Flint and other Implements, some of cave forms (*including a few from Somaliland for comparison*), on four cards; *an interesting lot*	35	2/4/- Naylor
329	Twenty well chipped flint Implements, suggesting the Moustier point, *various localities*	20	18/- Lawrance
330	A similar lot	20	16/- Webb
331	A similar lot	20	24/- "
332	A similar lot	20	12/- "
333	Five fine Points; and eighty-nine Scrapers of varied types	94	2/8/- Wilton
334	Five tiny Borers; thirteen pigmy Implements; and thirty-nine tiny Flakes; *from Castlerock and Portstewart, Co. Donegal*	57	12/- Webb
335	Three tiny Borers, *Castlerock*; four tiny Scrapers, *Bundoran*; four others, *Dundrum*; and a number of tiny Flakes, *various localities*	*a lot*	10/-
24/- 307-336	Seventy flint Scrapers, of selected types	70	
337	A similar lot	70	22/-
338	A similar lot	70	24/- Kellor
339	A similar lot	70	18/- Lawrance
24/- 40/- 340	Sixty-five others, many of them with deep notches in the outline; *from White Park Bay and other localities*	65	

341 A series of fifty fine Scrapers, including two of unusual size 50

342 Another series, *some fine* 30/- Hellor 100

343 A similar series 20/- Webb 100

344 Another series 22/- " 100

345 Another series 18/- Lawrance 100

346 Another series 14/- " 100

347 A similar series 22/- Webb 110

348 A similar series 20/- " 110

STONE AXES AND HAMMERS.

FOUND IN COUNTIES ANTRIM AND DERRY.

349 A well polished Axe, of diorite, $6\frac{1}{8}$ *in.*, *Culbane*; another, in basalt, highly polished, 6 *in.*, *Bushmills*; and five others; *a good lot* 7

350 A well formed Axe, of rounded section and slightly flattened sides, $6\frac{1}{4}$ *in.*, *Antrim*; another, of broad form, with expanding edge, $6\frac{1}{4}$ *in.*, *Coleraine*, *very fine*; and four others 7

351 A large Axe, $9\frac{1}{2}$ *in.*, *Bann*; another, $6\frac{7}{8}$ *in.*, *Kanestown*; and seven others 9

352 A good Axe, of broad form, of diorite, $6\frac{1}{4}$ *in.*, *Cushendall*; an adze, of basalt, *rare*; an Axe, of light stone, with flattened sides, $6\frac{3}{4}$ *in.*; and six others 9

353 A small Axe, *found near Cullybackey on a grinding-stone*; another, suggesting the early form of bronze axe, $3\frac{3}{4}$ *in.*; and seven others 9

354 A finely ground polished Axe, of basalt, with narrow cutting edge, 8 *in.*, *found near Kilrea*; another, in basalt, of good broad type, $7\frac{1}{4}$ *in.*, *Braid*; and seven others 9

355 A well formed polished Axe, of diorite, $5\frac{1}{2}$ *in.*, *Forks Bridge*; three others, of fine quality; and five others, of varied types 9

356 An Axe, in basalt, with flattened sides, 5 *in.*, *Portglenone*; another, of almond form, *Glarryford*, *rare*; and ten others 12

357 A small Implement, with gouge-like edge, *rare*; another, of oval outline, *Ballycarry*; and ten others 12

358 A basalt Axe, of good form, $6\frac{1}{2}$ *in.*, *Lavin Bog*; a very fine example, with oval section, $7\frac{3}{4}$ *in.*, *Watercloney*; and five others, *all good* 7

359 Another, in basalt, with oblique cutting edge, $6\frac{1}{4}$ *in.*, *Carncastle*; a narrow example in light stone with pointed butt, $7\frac{1}{2}$ *in.*, *Ballymoney*; and five others; *all good* 7

360 Twenty-one polished stone Axes, *from various localities, some good* 21

361 A similar lot 21

362 A well formed Axe, in brown stone, 4 *in.*, *found on the shore of the Bann*; another, in basalt, well polished, $4\frac{7}{8}$ *in.*, *Rathlin*; and ten other Axes, of small size; *all good examples* 12

363 Twenty-one Axes, of varied types 21

364 A similar lot 22

365 Seventeen others, *some good* 17

366 A very fine polished Axe, of basalt, with broad cutting edge, $7\frac{5}{8}$ *in.*, *found at Six Towns, Co. Tyrone*; five others, of similar type; and an Adze, with pointed butt, *found in the Bann near Portglenone*; *all unusual forms, very fine* 7

367 Another, in basalt, with broad cutting edge, $5\frac{1}{2}$ *in.*, *fine*; an example in hone-stone (?), with flattened sides, $4\frac{1}{2}$ *in. long*, *Kilkenny*; and five others; *all good specimens* 7

368 A large Adze, in basalt, partly polished, $10\frac{1}{4}$ *in.*, *from the Buick coll.*; an Axe, in diorite with roughened butt, *Glarryford, rare*; a curious Axe, of oval form; and four others of good size, *a fine lot, and all marked with localities* 7

369 A finely polished basalt Axe, of narrow type, $7\frac{1}{2}$ *in.*, *Carnstrone*; another, in light stone, with flat sides and pointed butt, 7 *in. long*, *Kilrea*; another, of broader form, 8 *in.*, *Dungiven*; a re-chipped basalt Axe; and three others; *a good lot* 8

370 An unusually fine Axe, in black stone, of oval section and somewhat pointed butt, 11 *in. long*, *found at Baltee*; and an unusually heavy and thick Axe, of diorite with ovoid outline, $10\frac{1}{2}$ *in. long*, *found near Cushendall* 2

371 A finely polished Adze-like Implement with flat sides, $7\frac{1}{2}$ *in. long*, *found near Kilrea*; another, with unusually broad cutting edge and incurved sides (probably of the early bronze age), 7 *in. long*, *found near Randalstown*; and two others 4

372 A finely formed basalt Axe, with unusually high polish, 8 *in. long*; another, of good form, 8 *in. long*, *found at Magharabane*; and two others, smaller; *all good* 4

373 An unusually large and fine Axe, of polished basalt, with broad cutting edge, the sides tapering towards the butt, and of oval section; *found near Coleraine* (*see Ulster Journal of Archæology, vol. IX, page* 7, 1903) [Pl. II] 1

374 An interesting Adze, in basalt, chipped into form and curiously "humped" towards the centre of one face, and tapering gradually to either end, 14½ *in. long; found at Clougheen* (*see same publication*, 1906, *plate* 32, *figs.* 3 *and* 3A) [Pl. II] 1

375 Another, in brown stone, with broad cutting edge and slightly tapering sides, one face more curved than the other, 12½ *in. long; found at Ballycarry, fine and rare* [Pl. II] 1

376 Another, with narrow butt and rounded cutting edge, 9¼ *in. long, found at Armoy*; another, 8⅝ *in., found at the foot of Slievegalleon*; another, *from Glenwherry*; and another, 8½ *in. long; all good specimens* 4

377 A roughly chipped Axe, of basalt, with sharp sides, 13 *in.; found at Armoy* (*see Ulster Journal of Archæology*, 1903, *vol. IX, page* 7) [Pl. II] 1

378 A well formed Axe, of basalt (?), with rounded sides and pointed butt, 12 *in. long, found at Culbane* 1

379 An Axe, of curved form, in light stone, 14 *in. long, with interesting label*; and six other large examples, *some of doubtful antiquity* 7

380 Twelve others, *some of doubtful antiquity* 12

381 A selected series of twenty polished Axes, *all good examples* 20

382 A similar series 20

383 Another selected series 20

384 A similar lot 20

385 A series of twelve Axes; and four Adzes 16

386 A selected series of twenty Axes 20

387 Another series 20

388 A similar lot 20

389 A similar lot 20

390 An Adze, of chipped basalt; a Gouge; four Axes, with pointed butts; and three others; *all good* 10

391 Another series of twenty Axes 20

392 Another series, including several of narrow form 20

393 Another good series, of varied form 20

394 A similar series 20

395 Two Adzes, in polished basalt; a curious "Side Scraper," in same material; a well-formed Axe, in light stone, with flattened sides; another, with oblique cutting edge; a Gouge, in basalt, *rare*; and four other Axes, *all good* 10

396 An unusually broad Axe, in basalt, $8\frac{1}{4}$ *in. long, found near Coleraine*; two others, of large size; another, with oblique edge; and two others, smaller 6

397 An unusually flat Axe, $5\frac{1}{8}$ *in. long, from Lough Mourne*; an Adze, with chipped sides, and ground edge and under face, *from Portglenone*; an unusually narrow Axe, of circular section, $5\frac{1}{2}$ *in. long, Glenisla*; a curious Axe, of oval outline, with sharp sides; a well-finished Adze, *Clough*; and four others 9

398 A Chisel, in basalt, $3\frac{1}{2}$ *in. long*; an Axe, in light stone, with notches at the side, $6\frac{1}{4}$ *in. long, rare*; a curious basalt Axe, chipped on one face and ground on the other; and nine others, *all good* 12

399 A well-shaped Adze, in basalt, with pointed butt, $5\frac{1}{2}$ *in. long*; two Gouges, *rare*; and nine Axes, of varied type, *all good* 12

400 Four narrow Axes or Chisels; three Adzes; and seven Axes, *a very good lot* 14

401 Four Adzes; and nine Axes, *all good* 13

402 An Adze, of narrow form, in grey stone, *Portglenone*; two other unusually good Adzes; two Chisels; and eight Axes, *a very good lot* 13

403 Five Adzes; a good Chisel; and seven Axes, *also very good* 13

404 Forty Axes, in various materials, *some of doubtful antiquity* 40

405 Twenty-one small Axes, *some doubtful* 21

406 A curious broad Axe, with chipped butt; a Burnisher, *found at Glenish*; and twelve Axes, *a good lot* 14

407 Twenty Axes, of good type, *from various localities* 20

408 Twenty-four stone Axes, of curiously light weight (perhaps models); *found in the Bann* 24

409 A series of twenty Axes, of varied types 20

410 A similar lot 20

411 An Adze, with pointed butt; a chipped Axe, with similar butt; and ten Axes, various 12

412 A small Adze, with curved cutting edge; three others, larger, of good form; and twelve Axes, *also good* 16

413 A large series of polished Axes, some interesting examples included 60

414 Three Axes, with grooves ("tracks") on the face; a curious Knife-like Object, polished on one face; a good Adze; half a well-chipped Axe, of basalt; and four others, *all of interest* 10

415 A well-formed Axe, with roughened butt; a roughly-chipped Axe, in basalt; two Adzes; and eight Axes, *a good lot* 12

416 A Box, containing a large quantity of stone Axes, some in process of manufacture, and some of doubtful antiquity, *an interesting lot* 50

417 Twenty-five polished Axes, of various types and materials, many good specimens included 25

418 A similar lot 25

419 Another series 25

420 A similar lot 25

421 A similar lot 25

422 Ten polished Axes, of larger size, and of good form 10

423 Twenty others, of good type 20

424 Fifteen others, of varied type 15

425 Twenty-two others 22

426 A well-ground Adze, in basalt; a well-chipped Axe, with ground edge, *rare*; a Burnisher; a curious Axe, with depressions at sides and a bored hollow on one face, *rare*; and nine other stone Implements, *all of interest* 14

427 A Chisel, in basalt, of good form, 5 *in. long*; five Adzes; a Burnisher; a chipped Chisel, in basalt; a stone Pendant; and sixteen others, *an interesting lot* 25

428 An interesting series of Burnishers, in varied material 10

429 A similar series, including one with finger depressions on the faces 10

430 Three Adzes; a Gouge; and twenty-one polished Axes, *some very good* 25

431 Twenty-five polished Axes, *some very good*, and of unusual form 25

432 A similar lot 25

433 A similar lot 25

434 A similar lot 25

435 A similar lot 25

436 A similar lot 25

437 A similar lot 25

438 A similar lot 25

439 A similar lot 25

440 A similar lot 25

441 × Twenty polished Axes; and five others, of unusually small size 25

442 × A similar series 25

443 A similar series 25

444 A similar series 25

445 × A similar series 25

446 A similar series 25

447 A similar series 25

448 A similar series 25

THIRD DAY'S SALE.

Wednesday, November 19th, 1924.

LOT

30/- 449 A flint Axe, straight-sided and square-ended, with sharp sides, of flat section, partly polished, $6\frac{7}{8}$ *in. long*; and another, of same general form, with truncated butt, $7\frac{1}{2}$ *in. long, found together at Clogher, both very fine, and rare in this material* [Pl. I] 2 — 7/-/- Belfast

70/- 450 Another, of flint, unusually well-chipped, with sides tapering to the butt, which is pointed, $7\frac{3}{4}$ *in. long* (*illustrated in R. S. A. I., vol. III, part* II); and another, of lozenge section, also extremely well-chipped, $6\frac{3}{4}$ *in. long, found at Forked Bridge* [Pl. I] 2 — 5/10/- "

65/- 451 A well-chipped flint Adze, $6\frac{1}{8}$ *in. long*; an Axe, with ground cutting edge; two others, of narrow form, chipped only; and one with pointed butt, having the edge ground on one face, *a good lot* 5 — 3/10/- Kelly

60/- 452 A well-formed broad Chisel, with ground edge, $6\frac{1}{2}$ *in., found at Maghera*; and another, with extremely fine chipping, $6\frac{3}{8}$ *in., found at Cruckin* [Pl. I] 2 — 3/1/- Fenton

453 A polished flint Axe, $5\frac{7}{8}$ *in. long, Donegore*; and four others, *all with localities, all good specimens* 5 — 3/5/- Kel

454 An unfinished Axe, in flint; another Axe, well-chipped (*see R. S. A. I., vol. III, part* 2, *page* 126, *fig.* 20); and four others, *all with localities* 6 — 4/5/- "

455 A partly-polished flint Axe, of narrow form, $5\frac{1}{4}$ *in. long, found near Clough*; five others, *all with localities*; an Adze, *Ballintoy, rare*; and a Flake, with ground surface 8 — 2/-/- [illegible]

456 A well-formed Flint Pick or Chisel, $5\frac{7}{8}$ *in. long, found at Glenariffe*; another, *Knockans*; another, *Glenaan*; and five chipped Axes 8 — 4/-/- Naylor

457 Three similar flint Picks; and seven chipped flint Axes, *all with localities* 10 — 4/12/- Naylor

458 Four smaller flint Picks; a curious notched Implement, in basalt; and seven chipped flint Axes 12 — 25/- Webb

459 An interesting series of flint Fabricators, Picks and other Implements; and a Flake of Rock Crystal, *found near Cookstown, very rare* 35 — 3/10/- Wilson

460 A well-formed Axe, with ground edge, $4\frac{7}{8}$ *in. long*; an unusually good Pick, *found at Galgou*; and four others, *all good examples* 6

461 An unfinished Axe, of flint, *found at Dungarvey*; a partly-polished Chisel, of good form, $5\frac{3}{8}$ *in. long, Cloughmills*; a well-chipped pointed Implement, $4\frac{7}{8}$ *in. long, Glenish*; an Axe, with straight sides, ground at the edge only; and three others, *with localities marked* 7

462 A well-formed flint Chisel, $3\frac{1}{8}$ *in. long*; a narrow Axe, of good form, $4\frac{3}{4}$ *in. long, from Glenleslie*; a partly-polished Axe, $5\frac{1}{2}$ *in., from Kells*; and six others, *all good specimens, with localities* 9

463 Two flint Adzes, *rare*; a Chisel with ground edge; and six others, chipped into form, of small size 12

464 A finely formed flint Axe, with straight sides and ground edge, *found at Armoy*; another, ground all over, with pointed butt, *Culbane*; another, smaller, *Glenleslie*; one of rich red brown colour, *from Three Towns*; and three others, *all with localities* 7

465 A well formed Chisel, *from Castlegore*; another, smaller; six small Axes or Chisels; and nineteen others, all of flint 27

466 An unusually small polished Implement of oblong form (probably a Knife); two small Chisels; and five small Axes, all of flint, *and found in Co. Antrim, an interesting and unusual lot* 7

467 Twenty Axes; and five small Axes or Chisels, all of basalt 25

468 A similar lot 25

469 A similar lot 25

470 A similar lot 25

471 A similar lot 25

472 A similar lot 25

473 A similar lot 25

474 Fifteen polished Axes; and ten smaller Axes or Chisels 25

475 A large number of Axes of varied forms, many made of shale and some of doubtful antiquity 50

476 Four basalt Adzes; four Chisels; and eleven polished Axes of various sizes, *a good lot* 19

477 Twenty Chisels of varied sizes, *all of good quality* 20

478 A similar lot 20

479 A similar lot 20

480 A small well-polished flint Axe; seven small flint Chisels; three large basalt Chisels; four smaller examples; and a curious leaf-shaped Knife of basalt, *a good lot* 3/10/- Wilton 16

481 An Adze of New Zealand type, *said to have been found at Culbane*; and nine Irish Axes, *some good, marked with localities* 2/10/- Webb 10

482 A similar lot 2/15/- Webb 10

483 A curious Polishing Stone of chert, *found at Culbane*; a roughly chipped Axe in basalt, *from Coleraine*; an Axe of diorite, with oblique edge; and seven other Axes of varied types 2/18/- Webb 10

484 A very fine polished Axe of basalt, 7⅜ *in. long, found at Crommelin*; another, 6 *in. long, from Magherabone*; a smaller example, *from Glenhead*; an Adze, *Ballyscullion*; and two other Axes 3/5/- Webb 6

485 A massive Axe of grey coloured stone, 8½ *in. long, found near Kilrea*; another of basalt, with oblique cutting edge, 8 *in. long, from Glenhead*; and four others 5/5/- Wilton 6

486 An Axe of sandstone, 10½ *in. long, from Glenravel*; another in basalt, 8½ *in. long, Coleraine*; and four others, *all good specimens* 4/15/- 6

487 An Adze of basalt, 8½ *in. long, found at Clough Mills*; another, well-polished, with oblique cutting edge, 7¾ *in. long*; and three others, *all good* 5

488 A small Adze in basalt; and nine Chisels, *all good examples* 10

489 A similar lot, *also good* 2/10/- Elder 10

490 Another lot, *also good* 2/-/- " 10

491 Another lot, *some good* 10

492 Two "waisted" Axes; and sixteen small Axes, *some doubtful, from Culbane* 18

493 A similar lot; *from Culbane* 25/- Webb 22

494 Twenty Whetstones of varied forms and periods (*some prehistoric*), on two cards 16/-/- Wilton 20

495 Fifteen polished Chisels; *found in Co. Antrim*, on card, *all good specimens* 8/5/- Mayloe 15

496 Sixteen small Axes or Chisels of basalt, on card, *also good examples* 3/8/- Wilton 16

497 Six Sharpening Stones, of early type, on card; and six Whetstones, of later date 32/- Webb 12

75/-498	A very fine Archer's Bracer, in honestone, with two perforations at either end, 5 *in. long*, of the early bronze age, *extremely rare*; and fourteen smaller stone Bracers and Whetstones, on card, *a good lot*	15	13/10/-
50/-499	Six stone Objects, probably Bracers, of the bronze age; and nine other stone Objects	15	3/-/- Wilton
75/-500	A Whetstone or Ornament, with incised strap and other ornament on either side; a button-like Object, *both curious*; a Stone Burnisher of conical form, probably Neolithic; four early stone Pendants; and nine Burnishers or Whetstones, some of the prehistoric period	16	6/-/- Kellor
80/-501	Thirty Whetstones, of various periods, *some good*	30	4/10/- Fenton
502	Thirty-seven others; a Cast of a rare Whetstone; and an 18th century Wig Curler	39	
S. 503	A collection of Irish stone Spindle Whorls; and a few stone Beads, some decorated, on four cards; a few American Examples included for comparison, *a very interesting lot*	78	16/-/- Wilton
504	Thirty stone Spindle Whorls, chiefly of the prehistoric period	30	4/15/- Taylor
505	A similar lot 3/5/- Webb	30	
506	Another lot, similar 3/5/- Kellor	30	
507	A similar lot 3/5/- Webb	30	
508	A similar lot 3/5/- Fenton	30	
509	A Spindle Whorl, made from a piece of petrified wood, *curious*; five decorated Whorls; and fifteen others	21	9/10/- Webb
510	Thirty-two Spindle Whorls; *found at Culbane*	32	2/15/-
511	A similar lot; *from the same locality*	32	2/10/-
6. 512	A string of fifty-one Spindle Whorls (some decorated) and Beads of early type (including a bronze Whorl); *found in Co. Antrim*	51	13/10/- Taylor
50/-513	Two Stones with cup-shaped depressions on one face; and five fine Hammer Stones with indents on either face	7	5/15/- Wilton
75/-514	A similar lot 5 pro	7	
75/-515	A massive Hammer Stone with depressions; two others, *also good*; a hollowed Disc; two "tracked" Stones; and three Pounders	9	4/-/- Kellor
70/-516	Ten Pounders, with depressions on face; ten "tracked" Stones; and ten ordinary Hammer Stones	30	4/5/- Wilton
60/-517	A similar lot	30	4/-/- Kellor

518 Another lot, similar 9/15/- Naylor 30

519 A similar lot 3/15/- " 30

520 A similar lot 3/10/- Lawrance 30

521 A similar lot 35/- Webb 30

522 A similar lot 3/5/- Wilton 30

523 A similar lot 3/10/- Kellor 30

524 A similar lot 35/- Webb 30

525 Forty-two "tracked" Stones; and thirty-seven ordinary Hammer Stones 10/9ns Wilton 79

85/- 526 x Two stone Discs, and two Fragments, *from Portstewart*; and five others, *found in Co. Donegal, an interesting lot* 7

70/- 527 Twenty-nine Axes in basalt, showing various stages of manufacture; *from the Glenleslie "Axe factory," Co. Antrim; an instructive lot* 4/-/- Wilton 29

6 528 x Four cylindrical Stones, perhaps for boring axe hammers; seventeen Honestones of various periods; and a grooved Axe in basalt, *rare; from various localities* 22

52/- 529 x Twenty Axes or Chisels of narrow form, in chipped basalt; and six unfinished Specimens; *from various localities* 26

40/- 530 x A similar lot 26

50/- 531 A large flint Pick, *found at Coleraine*; and eleven others, *from various localities* 3/5/- Wilton 12

532 A similar lot 3/10/- Wilton 12

533 Twelve flint Axes and Chisels; *from various localities, some good* 12 /5/- Wilton

534 A similar lot 2/15/- Kellor 12

535 Twenty chipped flint Axes, some unfinished; *from various localities* 25/- Webb 20

536 A similar lot 2/-/- Kellor 20

537 A similar lot; and two Tranchet Axes 32/- Kellor 22

538 Fourteen flint Picks, *from various localities* 2/10/- " 14

40/- 539 A similar lot, including one of basalt 2/5/- Kellor 14

50/- 540 A very fine basalt Pick, with ground sides; and nineteen chipped Axes in same material, *some very good* 4/5/- Wilton 20

541 Five Picks; a fine Adze; and fourteen Axes, all of chipped basalt, *some very good examples* 20

542 Nineteen similar Axes; and a basalt Flake 20

543 A similar lot 20

544 A polished Axe; and nineteen chipped Axes, all in basalt 20

545 × A Pick; an ovate Implement, *Cushendall* (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXVII, *fig.* 31); and eighteen chipped Axes, all in basalt 20

546 × Twenty Axes in chipped basalt, *some unfinished* 20

547 A Pick; eighteen chipped Axes, *some fine*; and a Side Scraper, *Cushendall, rare*, all of basalt 20

548 An unfinished Axe, 11 *in. long*; another, 9 *in. long*; and eighteen other basalt Axes, *some fine* 20

549 A Pick; and nineteen chipped Axes, *some unfinished*, all in basalt 20

550 Thirteen chipped Axes, *some good*; a long Flake; six Hammer Stones; a polished Axe: all of basalt; and two others 22

551 Twenty Pounders, or Mealing Stones, *some very good examples* 20

552 A similar lot 20

553 Another lot, similar 20

554 Two "Anvil Stones"; nine Hammers; and a Celt, with depressions on faces, adapted as a hammer, *rare* 12

555 × A fine flint Pick, *found at Culbane* (*Ill. Jour. R. I. A.*, *vol. XXX*, *pl.* XV, *fig.* 72); a good chipped Axe in basalt (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXIII, *fig.* 6), *Cushendall*; another flint Pick (*Ill. Jour. R. I. A.*, *vol. XXX*, *pl.* XVI, *fig.* 80); and two other fine chipped basalt Axes (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXIII, *figs.* 7 *and* 8), *from Cushendall* 5

556 × A fine flint Pick, *from the Bann* (*Ill. Jour. R. I. A.*, *vol. XXX*, *pl.* XV, *fig.* 25); another (*fig.* 74); and three chipped Axes, *from Cushendall* (*Jour. Anth. Inst.*, *vol. XXXIII*, *figs.* 16, 22 *and* 34) 5

557 A fine chipped flint Axe, of narrow type, *from the Bann* (*Ill. Jour. R. I. A.*, 1912, *vol. XXX*, *pl.* X, *fig.* 78); a very fine chipped flint Pick, *from Culbane* (*same Journal*, *fig.* 76); a fine flint Axe, with ground cutting edge, *Coleraine* (*Ill. Jour. R. I. A.*, *vol. section C*, *pl.* XVI, *fig.* 92); a flint Knife (*illustrated*); and two roughly chipped basalt Axes (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXVII, *fig.* 30, *and pl.* XXXIX, *fig.* 11), *from Cushendall* 6

558 An extremely unusual "Tracked Stone," of fine quartzite, with a deeply cut trough-shaped depression on one face, *found at Ballyclair sandy braes* (*Ill. Jour. Roy. Hist. and Arch. Ass.*, *fig.* 3);

LOT 558—*continued.*

a Hammer Stone, with unusual countersunk perforation ; a stone Pendant ; a small Axe ; and two Hammer Stones ; *from various localities* 6

559 A roughly formed Axe, $10\frac{3}{4}$ *in., found in Lough Neagh* ; a chisel-shaped Implement, in clay slate, weighing 4 lbs., 15 *in. long, Culbane* ; and forty-four others, *many of doubtful antiquity* 46

560 Fifty others, in clay slate, *many doubtful* 9/- Webb 50

561 A similar lot 11/-/- Webb 50

562 A similar lot 5/- " 50

563 A similar lot 12/- " 50

564 A large number of small pick-like Implements, Scrapers, and other Objects, in flint ; *from various localities* *a lot*

565 A coarsely chipped Pick, *found in the Bann at Coleraine* (*Ill. Jour. R. I. A., vol. XXX, pl.* XVI) ; and a large number of similar Objects, and Picks of various sizes and types ; *from various localities* 4/10/- Wilton *a lot*

S. 566 An Axe Hammer, of granitic material, well polished, with deeply grooved upper and lower face, $5\frac{3}{8}$ *in. long ; found at Clady, near Portglenone* [Pl. II] 9/-/- Naylor 1

5 567 A HIGHLY IMPORTANT AXE HAMMER, of dark polished stone, with semi-circular cutting edge, cone-shaped hammer end, and strongly incurved sides ; the curves are outlined with a pronounced rib, 6 *in. long by* 4 *in. greatest width. This unusually fine and rare example, weighing* 4 *lbs., was found in deepening the river Bann about* 1847 (*see Ulster Journal of Archæology, vol. III, p.* 234, *and Proc. R. I. A., vol. XXX, section C, no.* 7, *pl.* 19, *fig.* 127) [Pl. II] 67/-/- Burgess 1 4X

7. 568 A pestle-shaped Hammer, of highly polished granitic stone, cylindrical in form, with rounded ends and small circular perforation, $3\frac{1}{4}$ *in. long, also fine and rare ; found near Bushmills, Antrim* [Pl. II] 23/-/- Naylor 1

7. 569 Another, of similar form, $3\frac{1}{4}$ *in. long, found at the Commons of Carrickfergus* ; and a smaller example, *from Lough Mourne, both rare* 14/-/- Naylor 2

90/- 570 An Axe Hammer, of wedge form, with conical butt and broad cutting edge, partly perforated ; the outer edge of the depression on either side decorated with a raised moulding, $4\frac{1}{2}$ *in. long, found in the Bann, fine and rare* ; a perforated Axe, of doubtful antiquity ; and a small Axe Hammer, *found at Moorfields, Antrim* 3

8/10/- Naylor

571 An oval Hammer, in black stone, with circular perforation, $3\frac{1}{4}$ *in. long, from Connor, Co. Antrim*; and another, smaller, *from the bed of the Bann, both rare* 2

572 An oval Hammer, with "hour glass" shaped perforation, the sides decorated with incised grooves, 5 *in. long*; and a cylindrical stone Implement, with the ends much abraded by use, *found together, an interesting lot* 2

573 An Axe, of diorite, with strongly curved depressions at the sides, the inner part of the depression hollowed for the grip of the fingers during use, $5\frac{3}{4}$ *in. long, from Glengariff*; an oblong Hammer, with "hour glass" perforation; and a discoidal Pebble, with the sides of the perforation rounded 3

574 Massive oval Hammer, of quartzite, with "hour glass" perforation, $4\frac{1}{2}$ *in. long, Glenleslie*; a boat-shaped example, with large perforation, $3\frac{3}{4}$ *in.* (*probably from the Bann*); an egg-shaped Hammer, of polished black stone, with small perforation, *from Carnlee*; and an early quartzite Hammer, with "hour glass" perforation, *found at Connor* 4

575 A discoidal Macehead, of sandstone, with grooved lines round the perforation, $4\frac{1}{4}$ *in., found in the Bann*; and six others, with primitive "hour glass" perforation (*this style of perforation is considered to be evidence of Neolithic date for the implement*) 7

576 A massive wedge-shaped Hammer, with large perforation, $7\frac{1}{2}$ *in. long, found at Aughmahoy*; and three others, of varied forms 4

577 A heavy perforated Hammer; and four others, all with primitive boring 5

578 Another, made from a larger broken example; a discoidal Implement; another, in quartzite, of oval form; and two others, *all good examples* 5

579 An oval Hammer, of good form, in granitic material; and five others, *a good lot* 6

580 Twelve perforated Hammer Stones 12

581 A similar lot 12

582 A similar lot 12

583 Twelve others, similar 12

584 Ten other examples; a stone Net Sinker?; and a curious oval Hammer, in iron, of uncertain date 12

IMPLEMENTS AND OTHER OBJECTS OF THE BRONZE AGE.

FOUND IN IRELAND.

585 A fine flat Axe, in copper, with semi-circular edge, $6\frac{1}{8}$ *in. long, found at Cullybackey*; and two others, smaller, *with localities* 3

586 Another of copper, of heavy fabric, $4\frac{7}{8}$ *in. long, found near Omagh, fine*; and three others, smaller, *with localities* 4

587 Another of copper, with unusual incurved sides, and straight-cutting edge, $6\frac{1}{4}$ *in., Ballymena*; and two others, smaller, *both good* 3

588 Three flat Axes of primitive type, $4\frac{1}{2}$ *in.*, $4\frac{1}{4}$ *in. and* 4 *in. long*; *from Toome, Dunboy and Loughguile* 3

589 A flat bronze Axe, with incurved sides, $4\frac{1}{4}$ *in., Clough*; another, 5 *in., Ballyconolly*; and another, $5\frac{3}{8}$ *in., Ballymena* 3

590 A large flat Axe, expanding towards the edge, the surface showing traces of herring-bone decoration, $7\frac{1}{4}$ *in. long*; *Ballymena, fine and rare* 1

591 Another, similar, with decoration of short indented lines out-curving from the centre, and elaborately facetted sides, 7 *in. long*; *found near Garvagh, in Cregard Bay, fine and rare* [Pl. III] 1

592 A flat Axe, with narrow butt, $4\frac{1}{2}$ *in. long, found at Craig-billy* (*Ill. Ulster Journal of Archæology, vol. IX, p.* 179, *fig.* 3); another, $4\frac{1}{4}$ *in.*; a smaller example; and a tiny copper Blade, *found at Kells, Co. Antrim* 4

593 A flat bronze Axe, with curved cutting edge, the surface decorated with lines of indented dots and chevrons, $5\frac{3}{4}$ *in.*; *found at Glensherry, fine and rare* [Pl. III] 1

594 Another, with herring-bone decoration on surface, $7\frac{1}{4}$ *in.*; *found near the previous specimen, also fine* 1

595 A flat bronze Axe, with traces of herring-bone decoration, $4\frac{5}{8}$ *in., found at Moorfields, Co. Antrim, fine*; another, with slight ridge in centre of blade, $5\frac{1}{4}$ *in., Ballymena*; and a small chisel-like object, *Moorfields* 3

596 An unusually large flat bronze Axe, with strongly curved sides, and curved cutting edge, the sides outlined with four parallel grooved lines and dots, $8\frac{3}{4}$ *in. long*; *found at Dunnygarron, fine and very rare* [Pl. III] 1

597 Three flat bronze Axes, $5\frac{3}{8}$ *in.*, 4 *in. and* $3\frac{1}{2}$ *in. long, all with localities* 3

598 A flat bronze Axe, with slight ridge on blade; a curious Implement, with shoulders at sides; and a smaller Object, the two latter perhaps burnishers; *all Co. Antrim, an interesting lot* 3

599 A flat bronze Axe, with incurved sides, the surface decorated with strongly engraved lines, $6\frac{7}{8}$ *in. long*; *found in a bog near Durrock, Cushendall, fine and rare* [Pl. III] 1

600 Another, with surface decorated with herring-bone ornament, 6 *in. long*; *Ballymena* [Pl. III] 1

601 Another, with somewhat straight-cutting edge, $6\frac{1}{2}$ *in. long, Ballymena*; two small flanged Axes; and an unusual type of Chisel, *found at Dreenan* 4

602 An unusually fine flanged Axe, with curved cutting edge, the surface of the blade decorated with a panel of deeply grooved parallel lines, $5\frac{7}{8}$ *in. long*; *Ballymena* [Pl. III] 1

603 Another, with slight flanges, having a decoration of curved and straight lines of indented dots, $5\frac{3}{4}$ *in. long*; *bought in Belfast, extremely fine and rare* [Pl. III] 1

604 A fine example of a flanged Axe, with slight stop ridge, $4\frac{3}{8}$ *in. long, Grange*; and another, smaller, *found at Derry* 2

605 A fine flanged Axe, with oval side flanges, outlined by a deep groove, the whole surface decorated with punch marks, 6 *in. long*; *Co. Antrim* (*see Jour. Royal Historical and Archæological Institute*, 1889, *p.* 112, *no.* 1, *pl. III*) [Pl. III] 1

606 A flanged Axe, with slight stop ridge, the flanges decorated with deeply grooved oblique lines, $4\frac{7}{8}$ *in. long, Ballymena, fine*; and another, smaller, plain 2

607 Another, with strong side flanges and stouter stop ridge, the centre of the blade outlined with a curved band of indented dots linking up the ends of the wings, $6\frac{1}{4}$ *in. long*; *found in Garvers Bog, Co. Antrim, extremely fine* (*see Jour. Roy. Hist. and Arch. Jour.*, 1889, *p.* 113, *pl. III, no.* 2) [Pl. III] 1

608 An unusually fine flanged Axe, with stop ridge, having a raised curved line connecting the two flanges, from the centre of this curved line is a straight rib running upwards to the stop ridge, 6 *in. long* [Pl. III] 14/-/- Spink 1

609 Two Axes, with side flanges, and a curved ridge on blade, *both with localities* 5/5/- Fenton 2

610 Three similar Axes, *all good specimens* 6/5/- Fenton 3

611 A similar lot 6/5/- 4

612 A finely formed flanged Axe or Palstave, with stout stop ridge and curved cutting edge, $5\frac{3}{8}$ *in. long, Co. Derry*; and two others, smaller 4/10/- 3

613 A winged Palstave, with stout triangular ornament below stop ridge, $4\frac{3}{4}$ *in., Co. Tyrone*; and another, of plain type, 6 *in., Lisburn, both fine* 6/15/- Maylor 2

614 Another, with triangular ribs on blade, $4\frac{1}{2}$ *in., Crommelin*; and two others, *all good specimens* 7/10/- Maylor 3

615 Another, with angular side flanges and curved cutting edge, 7 *in. long, Co. Derry, fine*; and an Example, with loop at side, *found in a Crannog at Lough Mourne* 7/15/- 2

616 A fine Palstave, with conical ridge on blade, $4\frac{5}{8}$ *in., Glenny, Co. Antrim*; and another, of plain type, both with loops 4/5/- 2 Maylor

617 A socketed Chisel, of square section, $3\frac{1}{4}$ *in.*; a fine Gouge, $3\frac{1}{4}$ *in., Cullybackey*; and another, smaller, *Grange* 3/15/- 3

618 A winged Palstave, with unusual rib on sides at the junction of the blade to the socket, 6 *in. long, Craig's Bog*; another with wings, $5\frac{1}{4}$ *in., Toome*; and a smaller Example, with shield-shaped ornament below stop ridge 6/-/- Fenton 3

619 A fine socketed Celt, with curved cutting edge and side loop, the mouth decorated with ribs, 4 *in. long, found at Craig's*; and three others, smaller 6/5/- Fenton 4

620 Another Example of unusual size, $4\frac{1}{2}$ *in. long, Co. Cork*; and three others, smaller 8/15/- Wilton 4

621 Another, of good form, the mouth decorated with ribs, *Kilwalter*; another, similar; and three others 6/-/- Wilton 5

6. 622 Another, with ribs on socket, *Glarryford*; three others, *all good specimens*; and an imperfect Example, *all with localities* 5

8/10/- Wilton

623 Another, of unusually good form, $3\frac{1}{4}$ *in.*, *found at Cross*; and three others, *with localities, all good examples* 4

624 Three smaller Specimens, with unusually broad cutting edges, *Clough and Larne, a good lot* 3

625 Another Specimen, with curiously broad cutting edge and incurved sides, $3\frac{1}{4}$ *in.*, *Ballymoney*; and two others, *also good, from the Glenny collection* 3

626 A finely-formed socketed Celt, with well-defined ribs on socket, $3\frac{1}{2}$ *in. long*; and another, somewhat similar, $3\frac{1}{2}$ *in.*, *Portglenone* [Pl. III] 2

627 A good socketed Celt, with socket of oblong section and a raised moulding at mouth, $3\frac{1}{2}$ *in.*, *found in Fenagh Bog*; and two others, of the same type, with three ribs on the faces, *rare, Co. Antrim* 3

628 Another, with similar ribs on the faces, $3\frac{1}{4}$ *in.*; a small Celt, with socket of square section; and a very unusual Example, with raised moulding at mouth of socket, $3\frac{7}{8}$ *in.*, *all Co. Antrim* [Pl. III] 3

629 A bronze Chisel, with side flanges, $3\frac{1}{4}$ *in.*; another, similar, *Killyless*; and four unusually small socketed Axes or Chisels, *with localities, a good lot* 6

630 A Chisel, with narrow blade, expanding towards the edge, the flanges at right angles to the blade, $3\frac{1}{4}$ *in.*, *Castlegore*; and two others, similar, *all rare* 3

631 Two others, similar, *Knockboy and Co. Antrim*; and a tiny crescent-shaped Blade, probably a razor, *Cleggan, the last very rare* 3

632 A Chisel, of early type, with projections at the sides and a cutting edge at either end, $4\frac{3}{4}$ *in. long*; *Randalstown, fine and rare*; another, with curved cutting edge and a tang for the handle, 4 *in.*, *Glenish*; and an earlier type, with curved sides, 3 *in.*, *Ballybay, all fine and rare* [Pl. VII] 3

633 An extremely fine bronze Spear Head, of early type, with narrow solid blade, decorated with strong ribs in a sunk panel, and having a wide socket, with loops at the base, $6\frac{1}{4}$ *in. long*; *found at Deerfin* [Pl. IV] 1

*** This interesting weapon shows evidences of the development of the spear-head from the dagger and is of unusual interest.

634 Another, of similar type; and three others, *imperfect*, of slightly later form, with side loops 4

635 A Spear or Lance Head, with leaf-shaped blade, decorated with a rib, $5\frac{1}{4}$ *in.*, *Magheraboy*; another, $4\frac{1}{4}$ *in.*, *Teeshaw*; a similar Example, *found at Cloughancely*, all with side loops on socket; and the Blade of another, of broader type 4

636 A Lance Head, with lozenge-shaped blade, $3\frac{5}{8}$ *in. long, fine*; and four others, of slender form, all with side loops, *found in Co. Antrim* 5

637 A Lance Head, with slender leaf-shaped blade; another, with rib on upper part of socket, $4\frac{7}{8}$ *in.*; another, with curious blade of square section and traces of loops (with original wood in socket), *rare*; and an Example, with lozenge-shaped blade decorated with ribs in relief and a "false rivet" on socket, $3\frac{3}{4}$ *in.*, *rare, all Co. Antrim, a most interesting lot* 4

638 A Lance Head, with broad blade, $3\frac{3}{4}$ *in.*; another, similar, $3\frac{3}{8}$ *in.*; and two others, of unusually small size, all with side loops, *and all found in Co. Antrim* 4

639 A Spear Head, with a triangular blade, decorated with ribs in relief, the ends of the blade are carried down by means of a strap-like moulding to the side loops, which have oval faces; the socket and sides of the "straps" are decorated with lines of dots, and a sinuous line of dots occurs at the base of the socket, $6\frac{5}{8}$ *in. long* [Pl. IV] 1

*** This unusually well preserved and fine weapon was found in Fenagh Bog, and is illustrated and described in the *Royal Historical and Archæological Association Journal*, 1889, *pl. III, fig.* 3, *p.* 113.

640 A fine Spear Head, of unusually slender form, the sides of the blade being slightly incurved, the section of the mid-rib is of a lozenge form, and the edge of the blade is continued down to the side loops, $7\frac{1}{2}$ *in. long, found in Buckno Bog*; and another, of more ordinary type, $4\frac{3}{4}$ *in. long, Co. Antrim* 2

641 A Lance Head, with ribs on blade and side loops, 6 *in. long, from the Glenny collection*; three small Lance Heads, of later type, with rivet holes; and the Blade of a Spear Head, *all found in Co. Antrim* 5

642 A Spear Head, with narrow leaf-shaped blade, strong mid-rib, and the outline of the blade ridged, there are remains of loops at the base of the blade for attachment to the shaft, and the socket is unusually long, 11 *in. long*; and the Point of another Spear Head 2

643 A Spear Head, with somewhat slender blade, and stout mid-rib, the base of the blade having wire loops for attachment of the cord used to secure the head to the shaft, 12 *in. long*; *found near Toome, Co. Derry* 1

644 A Spear Head, with broad blade, the edge having a curious angular outline in the centre of the blade, the base of the blade is furnished with similar loops to the previous item, 7¾ *in. long*; *found at Rasharkin, fine and rare* [Pl. IV] 1

645 A Spear Head, of graceful form, with leaf-shaped blade and bevelled cutting edge, the end of the blade is continued down to the rivet-hole as a decorative moulding, 9 *in. long*; *Claddy, Co. Derry, very fine* [Pl. IV] 1

646 Another of slender form, the blade being continued as a rib down to the rivet hole, 8¾ *in. long, found at Taylorstown*; a Lance Head, with leaf shaped blade, 5½ *in. long, found at Glenwherry*; and a Javelin Head, with curious markings on the surface, *in very fine condition, an interesting lot* 3

647 A Javelin Head, with oval openings in blade, 3¾ *in. long, extremely rare*; another, with wire loops at base of blade of stouter workmanship; and three broken bronze Axes 5

648 A Blade of a knife dagger, with strong midrib and broad base, in which are three original rivets, *an interesting and early type*, 3½ *in. long*; *found at Carnstrone* 1

649 A Rapier Blade of slender form, with side notches for the rivets, 9½ *in. long*; and another similar, 8 *in. long* 2

650 Another, with triangular base, notched for two rivets, 12½ *in. long, found at Parkmore, Ballymena*; and a curious Blade, with two rivet holes 2

651 A Dagger Blade, of later type, with broad blade and angular plate, perforated with two rivet holes, 11½ *in. long*; *found at Skerry*; *fine* [Pl. IV] 1

652 A Dagger Blade, with triangular base, having notches for two rivets, 5⅞ *in. long*; an early Knife Blade of triangular form, with four rivet holes, 3¾ *in. long, found at Bushmills*; and a small Knife Blade, *found at Tully* 3

653 An extremely fine bronze Sword, with broad leaf-shaped blade, and complete handle plate with fish tail termination, the handle

LOT 653—*continued.*

plate is ridged, and is pierced for four rivets, the remaining rivet holes have been plugged, 25 *in. long*; *found in Rosherry Peat Bog* [Pl. IV] 1

*** A label with an interesting pedigree of the weapon is attached.

654 Another of good form, with leaf shaped blade, and handle plate pierced for six rivets, and having a slot in the centre, three of the original rivets remain in position (*the blade has been neatly repaired*), 23⅜ *in. long*; *found in a bog near Glenish*; *fine* [Pl. IV] 1

655 Another of good form, with leaf shaped blade and part of handle plate which is pierced for two rivets, 19½ *in. long*; *found in Derry* (*repaired*) 1

656 A Sword of slender form, with broad fish-tail termination to handle plate, and having ribs on the plate, which is pierced for six rivets, 19 *in. long*; *found at Ballymoney* (*repaired*) 1

657 Another of broader type, with imperfect handle plate, pierced for six rivets, 18¾ *in. long*; *found at Cross Keys, Co. Antrim* 1

658 A Dagger Blade, with strong midrib, and having one rivet in position; a broken Sword Blade, *found at Cushendall*, 14½ *in. long*; and three other Blades, *all imperfect* 5

659 A Dagger Blade, with midrib of simple form; and a bronze Sickle, with ridged blade, and socket pierced for one rivet, 6⅛ *in. long, rare* 2

660 A Dagger or Knife, with slender leaf-shaped blade, and oval socket, the latter has incurved sides and is pierced for rivet (part of the wooden handle remains in position), 10¾ *in. long*; *found at Glenbush* [Pl. IV] 1

661 A curious pointed Weapon, with blade of square section and funnel shaped socket, the latter is pierced for a rivet, 7⅝ *in. long*; *found at Fermanagh, extremely rare and in good condition* [Pl. VII] 1

662 A Scabbard Chape for a Sword, the socket is of lozenge section, and the butt has a globular termination, 3¾ *in. long, an extremely unusual type*; *probably found at Lisnacroghera Crannog, from the Buick collection* [Pl. IV] 1

663 A Knife or Razor, with leaf-shaped blade, decorated with a lozenge shaped boss in slight relief, the pointed end has an angular notch, and there is a tang for the handle, 3¼ *in. long* (*found at Carrickfergus*); and another, with projections at upper part of the tang, 4¼ *in. long, found at Killyless, both rare* [Pl. VII] 2

664 Another, with slender leaf-shaped blade and rivet hole in tang, $4\frac{5}{8}$ *in. long, found at Moorfields Co. Antrim*; and another, with a depression divided by a midrib in centre of blade, 3 *in. long, found at Ballymena, both fine and rare* [Pl. VII] 2

665 A Knife, with slender blade, and decorated with a midrib, the socket, which is perforated for one rivet, is incurved at the base, $6\frac{1}{4}$ *in. long*; *found in Co. Antrim, rare* [Pl. IV] 1

666 A socketed Knife; and two Axes, *all imperfect*; and a Lump of Copper, *all Co. Antrim* 4

667 A Palstave, with two recently bored holes in the socket, *Glenish, Co. Antrim*; five bronze Chisels; and two copper Implements, *some of later period* 8

FOURTH DAY'S SALE.

Thursday, 20th November, 1924.

STONE MOULDS FOR IMPLEMENTS.

FOUND NEAR BALLYMENA.

LOT

668 A very fine Valve of a mould for a spear head, made of schist, this was for casting a weapon with a strongly grooved blade, and with large side loops, 5 *in. long, extremely fine and rare* [Pl. IV] 1

669 A Valve for a similar lance head, $3\frac{3}{8}$ *in. long*; and another of same type, $4\frac{1}{2}$ *in., both probably of basalt, very rare* [Pl. IV] 2

670 A similar Valve of a mould, $4\frac{1}{4}$ *in.*; and part of another 2

671 A four-sided Mould, of square form, for casting various types of razors or knives, 3 *in. long*; and a Valve, for making a small socketed celt, with side loop, $2\frac{1}{2}$ *in. long*; both of sand-stone, *and extremely rare* [Pl. IV] 2

672 A Valve of a Mould for casting the blade of a larger spear-head, with ribs on blade, $6\frac{3}{4}$ *in.*; another, for a small lance of early type; part of another, for making the blade of a socketed axe; and a Fragment of a Mould, for a spear head 4

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673 Part of the Rim of a large bronze cauldron, with tubular rim and solid ring handle, the latter is suspended from a broad reel-shaped loop, having three ribs in high relief; and the companion Piece for the opposite side, $8\frac{1}{2}$ *in. long, very fine and rare* [Pl. V] 2

674 A Cauldron, of thin sheet bronze, composed of four plates riveted together, the bowl is in the form of an inverted cone with rounded shoulders and flat rim, on the rim are two solid ring handles attached by ribbed loops to the rim, 12 *in. high, about* 15 *in. diam.*; *found in a bog near Portglenone, extremely rare* [Pl. V] 1

675 A Ring Handle and Loop; Part of a Rim; and two odd Plates; all parts of cauldrons 5

676 A plain Band from a large bronze cauldron, with a number of holes punched in it for riveting purposes 1

677 A Cauldron or deep bowl, of flattened hemi-spherical form, showing considerable evidences of repair in the shape of riveted patches all round the sides, the rim has a number of holes punched in it, probably for an additional rim, $12\frac{1}{2}$ *in. diam.* 1

678 Another Cauldron, with straighter sides, rounded below, showing similar repair at the sides, $10\frac{1}{2}$ *in. diam.*; *found in a bog at Gortgole, Buick coll.* (*see Ulster Journal of Arch. vol. XIV, page* 23, 1908) 1

679 An important Cauldron, of unusually large size, with strongly curved sides and short oblique rim; this also bears evidence of much patching, showing the high value attached to these vessels of beaten bronze in early times, 17 *in. diam. at mouth,* 13 *in. high*; *found in Dirneveigh Bog in* 1885 1

*** Some of these bowls were probably originally used as water clocks, but not when in this patched condition.

680 Another Vessel, with straight sides and flat base, and having similar evidences of patching, 14 *in. diam.*; *found at Portglenone* 1

681 A Cooking Pot, with ridged sides and cylindrical neck, having two stout loops riveted to the sides, the surface is decorated with hammer marks, $7\frac{1}{2}$ *in. by* $6\frac{1}{2}$ *in.*; *probably of the mediæval period, found in the Bann* 1

682 An Armlet, of broad form, with curved sides and outcurved ends, the body is elaborately decorated with bands of concentric lines and chevrons, $3\frac{3}{8}$ *in. diam*; *found in a bog at Castle Dawson, near Magherafelt, very fine and extremely rare* 1

683 A spur-shaped Object of large size, the shank sharply curved and the ends of the limbs flattened out and perforated (the shank probably terminated in a knob, now missing), $9\frac{7}{8}$ *in. long*; *late Celtic period, found at Glenatrace, rare* [Pl. VII] 1

*** These objects are considered to have been used as an ornament upon the head of a horse.

684 A bronze Pin, with discoidal head, having a stout conical projection in the centre, the head is bent down at right angles to the shaft, $5\frac{3}{4}$ *in. long*; another of similar type, the disc decorated with fine concentric lines, and a small boss in the centre, $6\frac{3}{4}$ *in.*; and a Pin, of straight form, with a conical projection on the disc, $6\frac{1}{4}$ *in.*; *all found in Co. Antrim, very fine and rare* [Pl. VII] 3

685 A bronze Pin, with large ring head, the junction of the head to the pin being strongly curved, and the lower part of the curve forming

LOT 685—*continued.*

a shoulder, 7 *in. long, fine*; another, of very curious form, the head curving sharply back and forming a circle, the head is now hollow, but was probably filled with coral or enamel, $6\frac{3}{8}$ *in. long*; and a fine Pin, of the "hand type," with head of crescent form, one side having five finger-like projections, the flat plate is decorated with characteristic spirals; *all of the early iron age and very rare* [Pl. VII] 3

686 A bronze Pin, with hollow head and looped top; another, with head in form of a horse's head, to this are attached two pendant rings; and a good bronze Fibula, of La Téne type III, having a pierced catch-plate and a spiral spring attached to head of pin; *all of the early iron period* 7/10/- Naylor 3

POTTERY AND OTHER OBJECTS, CHIEFLY FROM BRONZE AGE INTERMENTS.

687 An Urn, of bowl form (*repaired*), with a band of triangular indents filled with small dots in centre of the body, 5 *in. by* 3 *in.*; *found in a "Giant's Grave" at Loughloughan, near Broughshane* (*see Jour. R. S. Ant., Ireland, part II, vol.* XXXII) 9/10/- Leeds 1

688 A primitive Lamp, of earthenware, in the form of an open bowl of oval form, with pinched spout at one end, 6 *in. long*; *found at Portstewart* 7/10/- Naylor 1

689 An Urn (*repaired, with base missing*), the surface decorated with a hatched pattern of dotted lines, $6\frac{1}{4}$ *in. diam.*, *found inside a larger urn at Galgorm Park* (some bones remain in the urn); three calcined Arrow Heads, probably found within the urn (*see Roy. Ulster Jour. Arch.*, 1875, *pl.* III); and a calcined Arrow Head, found in another urn 5

690 A very fine Urn of bowl form, decorated with bands of parallel and vertical lines, and having a deep groove in centre of the body accentuated at the borders by angular ridges, the upper ridge decorated with angular indents, and the lower one with chevrons, $5\frac{1}{2}$ *in. by* $3\frac{7}{8}$ *in.*; also the Blade of a fine bronze Knife of triangular form, with two stout rivets, and showing the scar of the hafting between the rivets, 3 *in. long*, found inside the urn; *found at Loughguile in* 1870 (*Illustrated in Abercromby's "Bronze Age Pottery," vol. II, p.* 163, *fig.* 47) [Pl. VI] 51/-/- Clarke 2

7/-/- Fenton

691 An Urn (*restored*), the body decorated with ridges, in the depressions between which are chevrons in relief, and with a band of oblique dotted lines below the rim, 6 *in. by* $4\frac{7}{8}$ *in.*; *found at Ballycloughlan* (*Ill. Roy. Ulster Jour. Arch.*, 1895, *part* II, *vol. I, fig.* 4) [Pl. VI] 1

7/5/- Feeds

692 An imperfect Urn, with a band of ornament suggesting the St. Andrew's cross on upper part of the vessel, 6 *in. diam.*; *found in the "Bishop's Cairn," near Glenwherry* (*Ill. Ulster Journ.*, 1895)

693 Two Parts of the Rim of a large "Food Vessel," with angular ribs in relief, the spaces between filled with lines of indented dots, and the base and part of the side of the same vessel decorated with hatched lines; *found at Thorny Valley* (*Ill. Ulster Jour.*, 1895, *pl.* I); two Parts of a smaller Vessel, decorated with a cross-shaped ornament on base, *found near Kells*; and Fragments of another Urn 4

694 A small Urn of "food vessel" type, with deeply indented shoulder and flat rim, the latter decorated with a band of indents, $2\frac{1}{2}$ *in. by* $3\frac{3}{4}$ *in.*; *found at Cumberclady, extremely rare*; *from the Buick collection* (*Ill. Jour. Soc. Ant. Ireland*, 1891, *p.* 437) [Pl. VI] 1

695 An Incense Cup, with angular sides, decorated with bands of chevrons and dots, and a cruciform ornament on the base, $1\frac{7}{8}$ *in. high*; *found in a "Dane's Fort," near Glenties* (*Ill. Abercromby's "Bronze Age Pottery," vol. II, p.* 34, *fig.* 343) [Pl. VI] 1

696 A bowl-shaped Urn, with incurved rim, the body decorated with bands of chevrons and vertical and horizontal lines (*restored*), $6\frac{1}{2}$ *in. by* $3\frac{1}{2}$ *in*; *found at Cumberclady* (*Jour. Soc. Ant. Ireland, p.* 436); *from the Buick collection* 1

697 An Urn of "food vessel" type, with two strong ridges on sides, well decorated with chevrons and indented lines on the body, $4\frac{1}{2}$ *in. by* $5\frac{3}{4}$ *in.*; *found at Esker Dromona when making a railway to Portrush* [Pl. VI] 1

24/-/- Fenton

698 An Urn of deep bowl form with narrow base, and strongly outcurved sides, the centre of the body has two pronounced ribs, well decorated with bands of short oblique and horizontal lines, at the side is a simple looped handle, a most unusual feature in these vessels, $4\frac{3}{4}$ *in. by* $6\frac{1}{2}$ *in. diam.* (*restored*); *found in a "Giant's Grave" and "Carnal" at Loughloughan* (*see Jour. R. S. Ant. Ireland, vol. XXXII, p.* 163) [Pl. VI] 1

25/10/-

699 A small Incense Cup, with rounded base and sharply sloping sides, decorated with bands of chevrons and oblique lines, 3 *in. diam.*; and a stone Spindle Whorl (*broken*), found inside the urn; *from Knockboy, near Ballymena* (a long MS. description is within the vase) 2

700 A small stone Cup, the sides decorated with bands of triangles filled with hatched lines, 2½ *in. diam*; *found at Glenarm*; *extremely rare* 1

701 Part of a stone Cup, decorated with bands of herring-bone ornament; an unfinished Example, decorated with incised lines; a tiny Lamp of open form; and an oblong pottery Object, decorated with incised lines; *found within an urn at Kilbraights* 4

BEADS AND PENDANTS FOUND IN IRELAND.

702 A collection of jet Objects, consisting of two Armlets, a cross-shaped pendant, two decorated Plaques from a Bronze Age necklace, *rare*; two Buttons, and nineteen other Beads and Whorls, all of early period, on card 26

703 A card containing twenty-five stone Beads and Whorls, also of early period 25

704 A very fine series of sixty variegated glass Beads of early types (*one from Cyprus included for comparison*), on card 60

705 A series of thirty blue "ringed" glass Beads, three of them ornamented, *probably of the Bronze Age, and found on the sites of "Crannogs" or island dwellings*; *a fine lot* 30

706 A very important group of highly decorated glass Beads, some ornamented with stout threads in relief; part of a decorated glass Armlet; and three Spindle Whorls; *Co. Antrim* 48

707 Part of a twisted gold Torque; a ribbed Ring of gold; a Piece of gold Ring Money; a gold Plaque, decorated with scrolls in "pearled" technique; two wire Objects linked together; *all found in Lisnacroghera Crannog*; and an extremely fine series of glass Beads, decorated with spirals, many of them with knobs or ribs in relief, *an important lot* [Pl. VIII] 34

*** For similar beads, see *Guide to Celtic Antiquities of the Christian Period, Dublin*, 1910, *pp.* 68-69.

708 Another collection of similar Beads, some beautifully decorated, *also a fine lot*, on card 27

709 A fine Necklace of thirty-three amber Beads, *found in the peat between Craigbilly and Connor*; and sixteen odd amber Beads, all probably of the Viking period, *very rare*, on card 49

710 A card containing a number of odd amber Beads and Pendants; *found in the north of Ireland*, also of the Viking period 42

711 A curious wooden Pendant with incised symbols; and eleven "dumb-bell" shaped Beads; *from the Buick collection*, on card 12

712 A card containing forty-nine "dumb-bell" Beads; *found in the Irish peat and on Crannogs* 49

713 A series of eighteen similar Beads; *found in Co. Antrim*; on card 18

714 An interesting series of whorl-shaped glass Beads, chiefly of amber colour; *found in the peat bogs and island sites*; on card 52

715 A cruciform stone Bead; and forty-one roughly shaped Beads and Pendants, on two cards 42

716 A string of thirty-nine glass Beads, chiefly of amber colour, but a few of them decorated with wavy lines in white 39

717 Three strings of glass Beads, many of them decorated, and chiefly of an early period 56

718 A string of sixty Beads and Pendants, many of them decorated, and chiefly of an early period 56

719 Three strings of varied stone and glass Beads and Whorls 67

720 Three fine jet Armlets; and fifteen Whorls and Rings of jet and stone, *some of them probably of Roman manufacture and perhaps relics of an early Viking raid* 18

721 A very important jet Armlet, the outer surface strongly ribbed, 5 *in. diam.*; *found at Knocklayd, Co. Antrim* 1

722 Eight vitreous paste Beads, with ribbed sides, of the Roman period, *rare*; four early faience quoit-shaped Beads, *also rare*; and seventeen stone Beads, of varied form; *all Co. Antrim*; on card 29

723 A string of old Irish "blackberry" Beads, in glass, of varied colours, on card 68

724 A series of stone Beads and Pendants, of various periods, on three cards 3

725 Twenty-one tiny stone Beads; *found on the sandhills at Portstewart, very rare* 21

OBJECTS, PRINCIPALLY OF THE CELTIC PERIOD.

726 Ring Head of a penannular brooch, of circular form, in bronze, with sunk panels at the expanded ends, and another in the centre of the ring; these panels are decorated with interlacing ornament, and in the centre of each is a depression, originally filled with paste or enamel now missing, $2\frac{3}{4}$ *in. diam.*; *found in Maghadee bog, near Kellswater, fine and very rare* [Pl. VII] 1

727 Penannular Brooch, in bronze, the body of the ring decorated with groups of grooved lines, towards each end of the ring is a boss suggesting the head of an animal, and beyond these are triangular cells filled with red enamel, with a section of decorated glass "cane" set in the centre of each cell, $5\frac{1}{4}$ *in. long* (*see Jour. R. I. A.*, 1901, *vol. VI, third series, no.* 3, *p.* 388) [Pl. VII] 1

728 A Ring Pin, the loop having terminations suggesting the reptilian head, $3\frac{1}{4}$ *in. long*; and an unusual penannular Brooch, with very broad expansion at the ends of the ring, the outline decorated with a line of dots, *also rare*; *found in a Crannog at Derryhullogh* (*see U. J. Arch., vol. X, p.* 53) [Pl. VII] 2

729 A penannular Brooch with large head, the expanding ends decorated with hatched lines and short ribs in relief, $4\frac{3}{8}$ *in. long*; and another, with the ends slightly incurved and tapering to a point, decorated with interlaced lines and circular cells, $3\frac{1}{2}$ *in. long, both fine and rare* [Pl. VII] 2

730 A very fine penannular Brooch, the expanding ends decorated with circular lines in relief and notched projections at the sides [Pl. VII] 1

730A A Ring Pin, with small head, decorated with incised lines; another, with spiral wire head; and another, similar 3

731 A fine bronze Pin, with discoidal head, ribbed at the sides; and four others, of varied types 2/10/- S. Fenton 5

732 A Ring Pin, of early type, with small circular head inlaid with yellow enamel, *rare*; another, with plain ring head; another, with dotted design at head of pin; and a curious example with small ring head 45/ pro Fenton 4

733 Two others, with solid ring heads; and two with thin spiral wire loops 4/10/- Fenton 4

734 A Pin, with flat square head, having a depressed gilt face, decorated with facets suggesting "chip carving" technique, *rare*; and three other Pins, *an interesting lot* 4

735 A grooved Ring from a pin; a Ring Pin, of plain type; a Pin and small Ring, *found together at Portstewart*; and four others 8

736 A curious bronze Pin, the upper part spirally twisted, and having a coiled turn near the top, 7½ *in. long, probably of the Early Iron age*; and three others, of a later period 4

737 A Ring Pin, with ribbed head and triangular projection at top; another, with hooked termination; another, with end in form of a horse head, with enamelled eyes; and two others, *a good lot* 5

738 A bronze Pin, *found at White Park Bay*; and five others, of simple form 6

739 A fine bronze Finger Ring, with oval depression on front, *found at Vagey, probably of the Early Iron period, rare*; three ribbed bronze Rings; and a Brooch Ring, with notched ornament 5

740 Part of a Horse Bit, in bronze, of curved form, and two Links of another, *found at Glenleslie, both probably of the Early Iron period*; two decorated Rings; two others, plain; and a small bronze Knife Blade of the Early Bronze age 8

741 A Celtic iron Bell, of quadrangular section, with broad loop; the clapper is still in position, and is heavy in proportion to the size of the bell, 7 *in. high*; there are small patches of the original bronze coating still on the outer surface; *from the ancient Church of Markstown, Cullybackey, extremely rare* [Pl. V] 1

742 "The Lissan Bell," an iron bell of small size, of similar section to the last item, the loop is depressed in the centre, 4 *in. high*; *from Lissan, Co. Tyrone* [Pl. V] 1

*** Part of a letter from Bishop Reeve, relating to this bell, is attached.

743 A bronze Fibula, harp-shaped, the catch-plate of triangular form, broadening towards the lower end, the plate decorated with three parallel rows of a curved scale pattern, the centre of the bow is ribbed, with a band of small knobs on either side of the rib, the "trumpet end" formed spring box is decorated with spirals, and attached to the spring is a circular loop for a chain, *an extremely fine and rare example of the Second Century* A.D. [Pl. VII] 1

744 A fine leather Shoe, of Celtic type, the heel and front decorated with raised bands, the upper part of the front is continued as a tongue-shaped extension, and this is perforated with three oval openings; and four others, of simple type, *all early examples and of interest* 5

745 A stone Cup in the form of an open bowl, with a globular projection at the side, 3 *in. diam., found near Newton Crommelin* (*see Uls. Jour.*, 1895); and a heavy stone Bowl, of simple form, $4\frac{1}{4}$ *in. diam., found near Craigmaddy* 2

746 A stone Cup of black material, of hemi-spherical form, the rim ornamented with incised chevrons, and with a small pierced handle at the side; *probably found near Connor* (*Ill. Uls. Jour. Arch.*, 1895, *vol. XV, p.* 4) 1

747 Two large bronze Rings, each with pendant rings attached to them; and twenty-five single Rings; *found* (*with others*) *arranged in a semi-circle in a fort at Secon Hill, near Ballymoney* 27

748 A large bronze Buckle; five bronze Finger Rings; two Harp Pegs of bronze; and four other Objects, on card 12

749 Two curious iron Chisels, with solid butts and side loop, *probably of the Early Iron period, very rare*; nineteen Rings, *of various periods*; and thirteen other Objects 34

750 A wooden Paddle; *found in a bog near Ballymena, very rare and interesting* 1

751 A bone Implement; a bronze Pin, with heart-shaped head; a Ring Brooch; a surgeon's silver Needle (17*th Century*); and a bronze Harp Peg 5

752 A Mould for casting an inscribed cross; another for a crucifix; nine Moulds for casting button-shaped objects; another Mould; and a curious Palette, with three depressions; *all found in Ireland and of an early period, an interesting lot* 13

MISCELLANEOUS OBJECTS OF A LATER PERIOD.

753 A large wooden Mether (*damaged*), *found in a bog near Ballymena*; and a small Cup, of similar form decorated with chevrons, *found at Slenish* (*Ill. Ulst. Jour. Arch., vol. XV, p.* 4) 2

754 Two wooden Pepper Grinders; a wooden Goblet; and a curious wooden Bowl, *from Kells, all of the* 18*th Century* 4

755 Two rush-light Holders; a bronze Mortar; a metal Vase; and three horn Cups 7

756 Two decorated horn Cups (*one Ill. Ulst. Jour. Arch., vol. XV, p.* 5), and seven curious funnel-shaped Vessels in wood and bone 11

757 Five "Socket Stones" used as gate hinges; a Mould for a brooch; a number of early Bullet Moulds; a 17th Century Dagger; and other miscellaneous Objects *a lot*

758 Three bone Objects; and fourteen various stone Implements, all used as rubbing instruments in weaving 17

IMPLEMENTS FOUND IN OTHER COUNTRIES.

759 Thirteen palæolithic Implements, *from Suffolk*; one, *from Wandsworth*; another, *from Stamford Hill*; and seven Others, *from various English localities* 22

760 An ovate flint Instrument, *very rare*; and seven Chert Implements, *found at Broome, Dorset, all of the palæolithic period, some very good* 8

761 A Mousterian Implement, *found at Wandsworth, rare*; four drift Implements, *from Northfleet*; nine others, *found in Suffolk*; and a good "twisted" Ovate, *from Bottisham, rare, a good lot* 15

762 Ten drift Implements; *found in France, some from Saint Acheul* 10

763 Nineteen Implements of late drift type; *chiefly found at Bois du Rocher, Côtes du Nord* 19

764 Two bone Implements; and a series of Scrapers of various types and other Implements, *from the French caves, an interesting lot* 56

765 Five chipped Axes, *found at Spiennes, Belgium*; a long Pressigny Flake; a polished Axe, *from Saxony*; four polished Axes, *from France*; and seven others, *also from France, all of the Neolithic period* 18

766 Twelve flint Axes, *from Cissbury*; seven others, *from Grimes graves*; a curious palæolithic Form, *found at Weeting*; eight varied Implements, *from Suffolk*; and six others, *from Eastbourne* 34

EGYPT.

767 A tortoise Core; eleven Implements; and five others, *all of the Palæolithic period* 4/-/- Belfast 17

768 A flint Pick, *found in a tomb at Medinet Habu*; three other Picks; and fourteen Implements, *from the Neolithic workshop floor at Wady-el-Sheikh* 2/5/- Webb 18

769 A series of Scrapers and worked Flakes, *found near Helouan* 22 3/5/-

770 A series of pigmy Implements and Borers, *found at the same locality* 3/-/- Wilton 38

771 Twenty-eight Implements, with serrated edges; *some found at El Kab*, on two cards 4/-/- 28

772 Nine small Chisels; nine leaf-shaped Implements; and eight peculiar Flakes, *chipped at one side*, on three cards 2/5/- 26

773 A slate Palette in the form of a fish; three others of simpler form; and a finely chipped Chisel, *rare* 28/- Kellor 5

774 A series of Saw Blades, Lance Heads, small Axes, and other objects, *from the Fayoum* 3/-/- Elder 25

775 A similar lot 3/5/- Spink 25

776 A similar lot 3/-/- Elder 25

777 A similar lot 2/10/- Lawrence 25

778 A similar lot 2/15/- Fenton 25

779 A similar lot 3/-/- Kellor 25

30/- 780 Another lot, similar 3/5/- Nolan 25

25/- 781 A similar lot 2/15/- Belfast 25

20/- 782 Another lot, consisting of Axes, worked Flakes, Lance Heads, and other objects, *also from the Fayoum* 3/-/- Lawrence 20

30/- 783 A similar series 4/10/- Spink 20

15/- 784 A well-chipped Axe; two parts of flint Armlets; and twenty-two other Implements; *Fayoum* 25/- Spink 25

7/- 785 Five leaf-shaped Lance Heads; thirty worked Flakes and broken Implements; a finely chipped Arrow Head; and six others; *Fayoum* 2/5/- 42

786 Thirteen fine Arrow Heads; and nine others of coarser workmanship, on two cards; *Fayoum* 5/15/- Belfast 22

787 A flint Dagger of Danish type, 4 *in. long, rare*; and sixteen Arrow Heads of unusual form, *some of fine quality*, on card; *Fayoum* 17

788 Twenty flint Arrow Heads, *some imperfect*; *Fayoum* 20

789 Another lot; *same locality* 20

790 A similar lot; *same locality* 20

791 Another lot; *same locality* 20

792 Another lot; *Fayoum* 20

793 Another lot; *Fayoum* 20

794 Three "fish tail" Lance Heads (*two broken*); a Knife with indented grip; and two other Knives, on card, *a good lot* 6

795 A finely chipped broad Knife, with ripple flaking (*broken*); and two Fragments of Knives 3

796 A curved Knife, with serrated edge (*broken*); and a Lance Head, also serrated 2

797 A series of quartzite Implements, of drift type; *found by Mr. Seton Kerr in Somaliland, some fine* 18

798 A similar lot, *some fine* 18

799 An interesting series of chert Implements, many of Moustiers type; *from the same source* 32

800 A similar series 32

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801 Twenty coarsely chipped Implements, of drift type; *found in Madras* 20

802 Six similar Implements; eight Flakes; a Pounder; a perforated Stone; and eight polished Celts; *all from India* 25

DENMARK.

803 Three flint Picks; four tranchet Axes; four Scrapers, and an Axe of ordinary form; *all from the "Kitchen Middens"*; and two others 13

804 A finely chipped Blade, of celt form, 9 *in. long* (*repaired*); a chipped Chisel, with ground edge, $7\frac{7}{8}$ *in. long*; part of a Dagger; and a small Lance Head 4

805 A flint Dagger, with wavy ridge on the grip (*repaired*); another, with fish-tail termination to handle; and three lunar Knives, *a good lot* 5

806 A chipped flint Adze and an Axe, of early type, *rare*; a small Pick, *from Wisby*; an Axe, of tranchet form; a polished Gouge; a polished Axe; a perforated Net Sinker; and seven Flakes 14

807 An unusually finely chipped Gouge, of brown flint, 8 *in. long*; and an Axe, of similar workmanship, 10½ *in. long* 2

808 A boat-shaped Axe Hammer; another, of usual type; two polished flint Axes; and a Whetstone, *of the Viking period* 5

SWISS LAKE DWELLINGS.

809 An Axe, of nephrite, showing saw marks at sides, *found at Font, near Estavayer*; seven stone Chisels; a Fragment of decorated pottery; and two other Objects 11

810 A finely chipped Knife, of *Pressigny* flint, *rare*; another, smaller; seven Arrow Heads; a horn Socket; and two bone Pins 12

811 A series of Scrapers, Knives, and other Implements; *from Estavayer and other sites* 33

812 A Nephrite (?) Axe, in horn socket, *from Font*; another, similar, *from Neuchatel*; a diorite Axe, in socket; and two small Chisels, also mounted in horn 5

813 A fine bronze Sickle, of early form; and a good tanged Knife, with curved blade; *both from Neuchatel* 2

814 A very fine bronze Pin, with globular head, having four circular openings at the sides; nine bronze Pins, with decorated heads; a Fish Hook; a coiled Ring; and two other Objects, *a very good lot* 14

815 Ten Spindle Whorls, in stone and pottery, of the bronze period; *from Estavayer* 10

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816 Four worked Flakes; nine unfinished Implements; and six plain Flakes; *all found in Egypt* 19

817 Twelve Flakes, with secondary chipping; and twenty-four plain Flakes; *Egypt* 36

818 A similar lot; *Egypt* 36

819 A series of fifty-one flint Arrow Heads, *found in Ohio and other American localities*, on five cards 51

820 Another series, including some unusually fine examples 40

821 A large grooved Axe, *Illinois*; and five others, *said to have been found at Saint Vincent* 6

822 An Adze, *from Easter Island*; two others, *Solomon Islands*; a Chisel, *Fiji*; and a long obsidian Flake, with trimmed edge, *Admiralty Islands* 5

823 A small Axe; a discoidal Stone, *Arkansas*; three Axes, *New Guinea*; a Chisel, *Pitcairn Island*; and two others 8

824 A very fine and unusually large Adze, and three others; *all from New Guinea* 4

825 Eight finely chipped glass Lance Heads, *from Australia*, on card 8

826 Three glass Lance Heads; three others of chert; and two other Implements, in original shafts; *Australia*, on card 8

827 Four Knives, mounted in gum handles; two Scabbards or Sheaths; a Spear Point; and nine Arrow Heads, in various materials; *W. Australia* 16

828 Two well decorated Boomerangs; four others; a Waddy or Club; three Spear Throwers; and two "Bull Roarers"; *Australia* 12

829 A number of roughly chipped Implements, *from Tasmania*, in various materials *a lot*

830 Two grooved Hammers; and four others, *Australia* 6

831 Ten well-chipped Spear Heads of chert; and four Flakes, some with gum mounting, *Australia* 14

832 Twelve chipped glass Lance Heads; *Australia* 12

833 AN UNUSUALLY LARGE AND FINE "CEREMONIAL AXE," of dark stone, with pointed butt, semi-circular cutting edge, and pointed oval section, 17 *in. by* 5½ *in.*; *from New Guinea* 1

834 Three hafted stone Weapons, *Australia*; a wooden Paddle; and a Shield and a slender Club, both decorated 6

835 Four good hafted Adzes; *New Guinea* 4

836 Two hafted shell Adzes, *Admiralty Islands*; a hafted Axe; and another, of jade (?), *both New Guinea* 4

837 Two hafted Adzes, *Fiji*; and a jade (?) Axe, in carved wooden handle, *Samoa* 3

838 A decorated Dancing Club, of canoe form, *New Hebrides*; a carved Adze Handle; and three others 5

839 A Club, made from a sawfish snout, *New Guinea*; two Shields, *Australia*; and another, of plaited cane 4

840 A Quiver of Arrows; four mounted stone Implements, *Australia*; two decorated lime Spoons, of large size, *New Guinea*; and a carved Club, *New Guinea* (?) 8

841 A stone Tomahawk, and another, with metal head, decorated, *both N. America*; two incurved Axes, *Saint Vincent*; a stone Axe, *Togoland*; and a stone Disc, from a digging-stick, *Cape Colony* 6

842 Three carved wooden Clubs, *Fiji*; and a well-carved Spear, with obsidian head 4

843 Five various stone-headed Clubs; *New Guinea* 5

844 A similar lot 5

845 A similar lot 5

846 Eighteen small stone Adzes, *some roughly chipped*; and thirty-three Fragments; *from various New Zealand localities* 51

847 A stone Adze, in elaborately carved wooden handle, *rare*; and another, in a plain handle, *from H.M.S. Challenger expedition*; *both from New Zealand* 2

848 Five "Moa Stones"; six shell Objects; a Scraper, *Nelson*; four small Adzes; and six Fragments; *all from New Zealand* 22

849 A stone Adze, with curious ridge on blade, 9 *in.*; and three small Adzes; *all New Zealand* 5

850 A finely-polished stone Mere, 12 *in. long*; and two well-finished Adzes; *New Zealand* 3

851 An unusually well-chipped Chisel, in basalt, 10½ *in. long, very fine*; and three polished Adzes; *all from New Zealand* 4

852 A fine jade Adze, 7½ *in. long, Auckland*; an Axe, with oblique edge (*found in the Thames*); and a roughly chipped Block, *from the Rakaia encampment*; *all from New Zealand* 3

853 A fine Chisel, in light green stone, 6½ *in. long*; two Adzes, in ordinary material, with highly polished surface; and a small Adze, of jade; *all from New Zealand* 4

854 A flat Blade, of jade, with saw cut on side; and four others, in similar material; *New Zealand* 5

855 An important Tiki, of jade, of unusually good workmanship, 4¼ *in. long, New Zealand* 1

856 Another, in bone, 3 *in. long, rare, New Zealand* 1

857 Three fine Ear Pendants, of jade, *New Zealand* 3

858 Another, of curved form; an Example of rich green colour; and another, in darker material, 4 *in. long*; *New Zealand* 3

859 A number of Implements and Bones, *from the Torbryan Caves, Devonshire*; a chipped Axe, *from the Thames*; twelve fine flint Arrow Heads, *found in Egypt*; three various polished Axes; and seven others *a lot*

860 Four ribbed glass Balls, *from India*; a Fish Hook and two decorated Rods, *from West Australia*; six recently mounted Implements; and two others 15

861 Five Chinese Armlets; five Charms; and two Seals, some of jade, on card 12

862 A Chinese Armlet; six Ornaments; and four Rings, all of jade, on card 11

863 Thirteen pigmy Implements, *Yorkshire*; and twenty-four English flint Arrow Heads 37

864 Nine chert Knives; thirty Arrow Heads; and a Borer, *Japan* 40

865 Seven extremely tiny Arrow Heads, *found in Colombia River*; six flint Arrow Heads, and four coarser Implements, *Italy*; two Arrow Heads, *from Finisterre*; and seven Arab Amulets, in carnelian 26

866 Ten Implements, *from the Cape of Good Hope*; and sixty-five Pigmies and tiny Flakes, *from various Indian localities* 75

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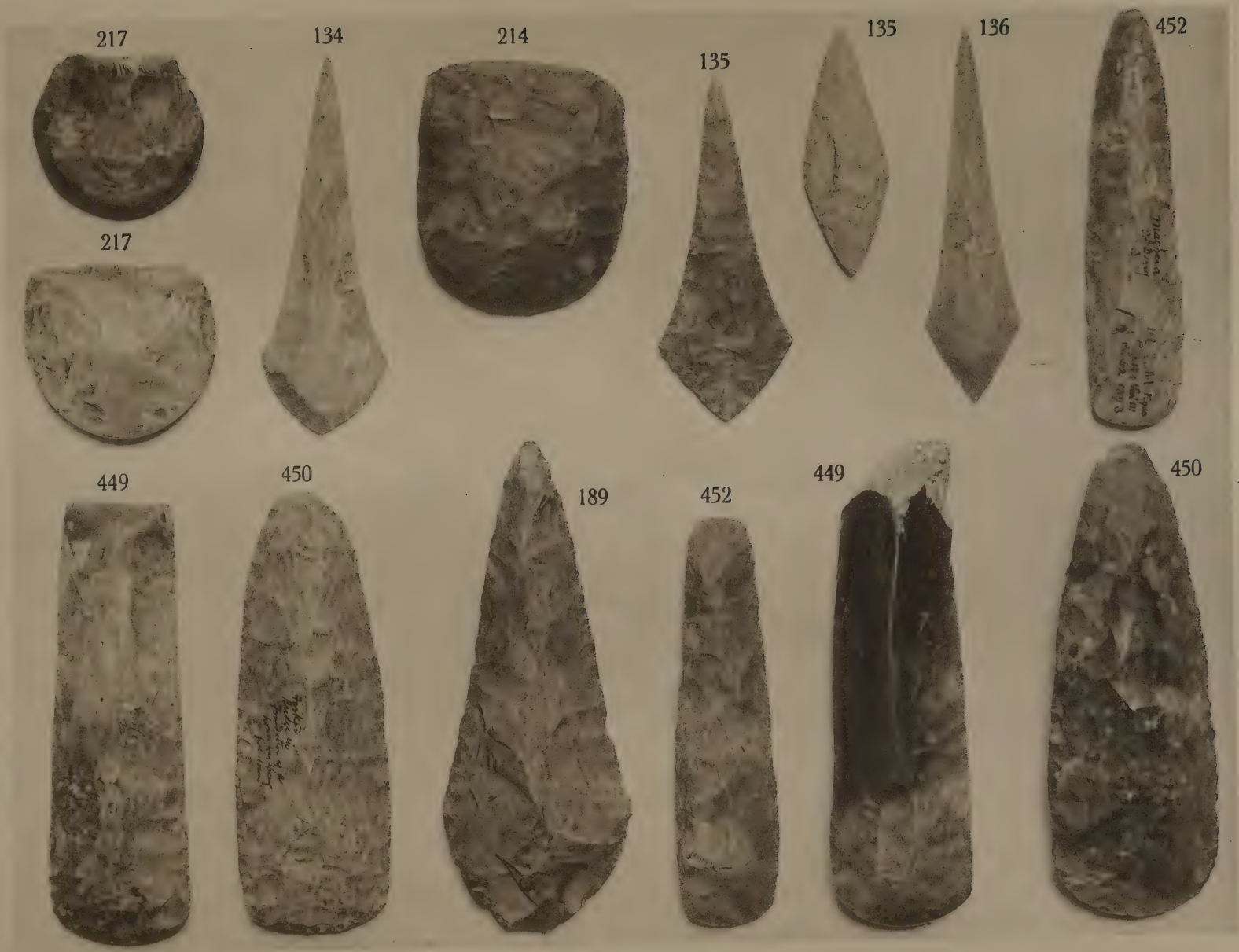

PLATE I.

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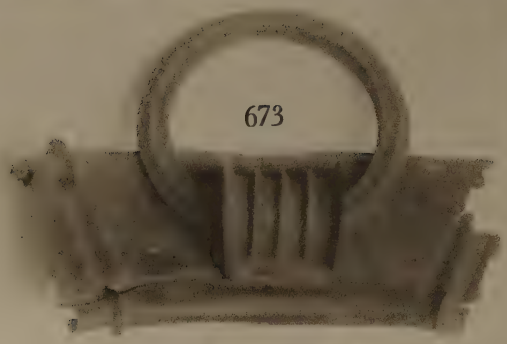

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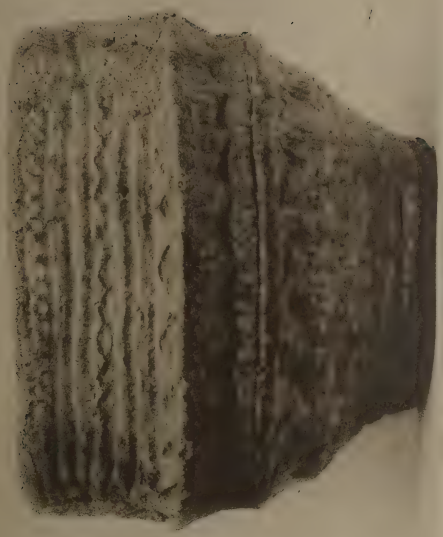

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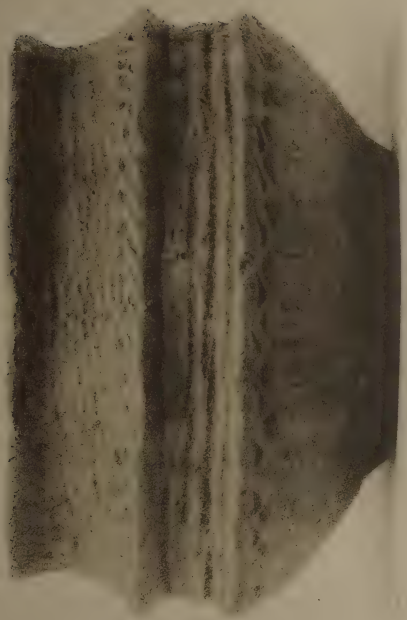

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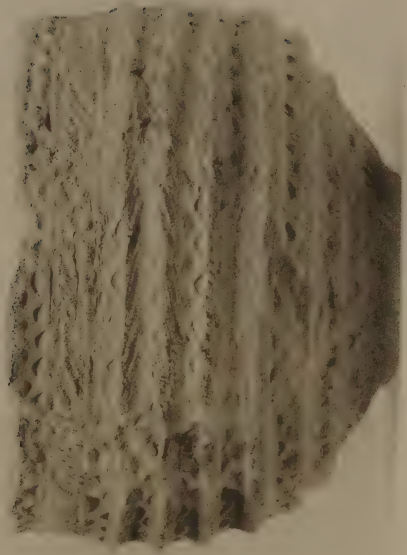

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802	2	8	.
807	3	5	.
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278	2	6	-
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287	1	8	-
296	2	16	-
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312	1	18	-
326	2	-	-
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337	2	10	-
374	13	-	-
389	3	-	-
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471	2	2	-
472	1	10	-
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475		12	-
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PREFACE.

THE Collection of the veteran Irish Antiquary, Mr. W. J. Knowles, has been known to Archæologists for many years, and the results of his exploration of the famous inhabited sites of the Neolithic period in Ireland have been published in the Transactions of various learned Societies.

The disposal by auction of such an interesting range of pre-historic objects deserves more than passing notice, and it may also be specially remarked that the opportunity of acquiring figured types of stone and bronze implements does not often occur.

Attention should be called to the splendid series of flint implements, and to the weapons, moulds and pottery of the bronze age. Specimens of such pottery are very rare and difficult to obtain, for those that exist have mostly been retained in Ireland.

The Celtic items in the collection are noteworthy, including bells, fibulæ and pins, and there are also good representative series of implements from Egypt and coun tries other than Ireland, as well as objects of later periods, including savage weapons from New Zealand.

CATALOGUE

OF

THE WELL-KNOWN COLLECTION

OF

Pre-historic Antiquities, Etc.

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A.

of Flixton Place, Ballymena.

FIRST DAY'S SALE.

Monday, November 17th, 1924.

IMPLEMENTS OF THE NEOLITHIC PERIOD FOUND IN IRELAND

(most of the Objects have the Localities marked upon them).

IMPLEMENTS FOUND ON "WORKSHOP" SITES.

THE RIVER BANN.

LOT

1 Thirteen good flint Knives; and nine unfinished Spear Heads, on two cards 22

2 Three unusually long Flakes; and eighteen others, with worked butts, on three cards 21

3 Twenty-nine Flakes, with worked butts, on two cards 29

4 A hollow Scraper; a Knife; three Cores; two fine Scrapers; two Borers; three plain Flakes; and two trimmed Flakes (*all illustrated in the Journal of the Roy. Irish Academy, vol. XXX, plates* 12-14). 14

5 A fine Knife; two Scrapers; three Cores; five Borers; three plain Flakes; and a Knife with incurved cutting edge (*all illustrated in the same Journal as previous lot*)

6 Eight flint Axes of "Kitchen Midden" type, *rare* 8

7 Eight hollow Scrapers; eight Borers; and four knives, *all good specimens* 20

8 A similar lot, *also good* 20

9 Another lot, *also good* 20

10 Six unusually good Scrapers, *found together at Port Glenone*; four Cores; six Knives; and four "Points," *a good lot* 20

11 Twenty tanged Knives; a Scraper; two Fabricators; twelve other Knives; and six pointed Implements 40

12 A similar lot 40

13 A similar lot 40

14 A similar lot 40

15 A similar lot 40

16 A similar lot 40

17 A similar lot 40

18 A similar lot 40

19 A similar lot 40

20 A similar lot 40

21 An unusually fine Borer or Pick; a large Flake, with worked sides; four Fabricators; two Cores; two Scrapers; ten tanged Knives; sixteen "Points"; a flint Adze; and a small Axe 40

22 A curious flint Chisel, with ground edge, *rare*; a smaller example; four roughly chipped Axes; a Pick; ten pointed Implements; and four others 21

23 A curious Core, with palæolithic patina, *found at Culbane*; twelve other Cores; three hollow Scrapers; ten Knives; twelve "Points"; and twelve typical Flakes 50

24 Twelve Cores; seven "Points"; six Knives; and twenty Flakes 45

25 A similar series 45

26 Another series 45

27 Thirteen Cores; six "Points"; six Knives; and twenty-five Flakes 50

28	Twenty Cores; six Knives; and fifty Flakes	76
29	One hundred typical Flakes	100
30	One hundred-and-thirty similar Flakes	130
31	One hundred others	100
32	One hundred others, with secondary chipping, *an interesting lot*	100
33	Eighty-one others, many with secondary chipping, *including one illustrated in Jour. R. I. A., vol. XXX, pl.* 12, *fig.* 11	81
34	Thirty very fine Flakes; *found in the Bann at Coleraine*	30
35	Eighty unusually fine Flakes, some with secondary chipping (*one illustrated*)	80
36	A coarsely chipped "Point" of Moustierian form; *found at Culbane, rare* (*Ill. in Jour. R. I. A., vol. XXX, pl.* 13, *fig.* 42)	1
37	Ten Axes of "tranchet" type; *found in the Bann, rare*	10
38	Another series	10
39	Another series	10
40	Another series	10
41	An Implement, with palæolithic patina; and nine "tranchet" Axes	10
42	A finely worked "Point" (*Ill. Jour. R. I. A., vol. XXX, pl.* 14, *fig.* 44); a finely chipped "tranchet" Axe (*Ill. R. S. A. I., vol. III, pl.* 144, *fig.* 6); another (*same Journal, fig.* 7); two Ovates; and six "tranchet" Axes	11
43	A series of polished Axes and other Implements, *some doubtful*	13
44	Twenty stone spindle Whorls	20
45	Twelve plain Hone Stones; and eight others, with perforations	20
46	A similar lot	20
47	Ten plain Hones, and ten perforated examples	20
48	Seven plain Hones; two perforated "tracked" Stones; six perforated Hones; a stone Pendant; a decorated Stone, with two perforations; and a grooved Whetstone	18
49	Fifty Flakes, some with secondary chipping	50
50	A Handle for an implement, made from the root of a tree, of globular form, with conical socket for the insertion of a flint, 2 *in. long*; *found at Culbane, extremely rare, if not unique* (*Ill. Jour. R. I. A., vol. XXX, pl.* 13, *fig.* 24)	

WHITE PARK BAY SITE.

51	A series of Cores, Scrapers, and other Implements	*about* 100
52	A similar series	*about* 100
53	A small Slab of Chalk, with two deep grooves on one face; and a series of side and end Scrapers	38
54	A series of Scrapers, including some hollow varieties; and several small Axes	*a lot*
55	Seven tanged Arrow Heads; two Scrapers; and a Flake (*several illustrated in Jour. R. I. A.*)	10
56	Sixteen Scrapers (*also illustrated*)	16
57	A tanged Implement (*illustrated*); a fine leaf-shaped Arrow Head; seventeen Knives; and twenty-five other Implements	44
58	Seventeen Knives; sixteen Arrow Heads, of varied types; and seven other Implements; *all found at Portstewart*	40
59	A series of notched Scrapers, and Knives; *White Park Bay*	38
60	Three well chipped Knives; fourteen Borers; and seven other Implements	24
61	Two polished Axes; fifteen Hammer Stones; two perforated Implements; a fine Knife; a Flake (*illustrated*); seven Cores; and twenty-six other Implements	54

PORTSTEWART SITE.

62	Fifty Scrapers; twenty Cores; and thirty Flakes	100
63	Two Axes of "Midden" type (*one Ill. Jour. R. I. A.*); ten Knives; five Pounders; and thirty-one other Implements, *some good*	48
64	Five "steep-ended" Scrapers; another, with palæolithic patina; and seven ordinary examples, *all good*	13
65	A series of Scrapers, of varied types	*about* 150

66	Twenty-five broken Arrow Heads; and a number of Cores and Scrapers; *found on Dundrum Sandhills*	57
67	An interesting series of roughly chipped Implements of basalt, many of scraper form; *found at Tievebullagh*	30
68	Fourteen Implements, of quartzite; *found at Maghera*	14

69 Sixteen small Pebbles, *found together at Portstewart*; nine Cores and twenty-six Flakes, *from Dundrum*; and fifteen others, *some from Portstewart* 66

70 A group of Scrapers and Flakes, *from the "black layer" at White Park Bay*; and six Flakes of light weight, *from Culbane* *a lot*

71 Three tanged Knives; a chisel-ended Arrow Head; a Scraper; a Hammer Stone of quartzite (*Illustrated R. I. A.*, 1901); and a number of other Implements; *found on the sandhills at Narin, Co. Donegal* *a lot*

FROM THE "AXE FACTORY" AT TIEVEBULLAGH, NEAR CUSHENDALL, CO. ANTRIM.

72 One hundred "Axes in the making"; and twenty spherical Hammer Stones, all of basalt 120

73 A similar series 120

74 A similar series 120

75 Another series 120

76 Another series 120

77 Another series 120

78 Another series 120

79 Another series 120

80 Another series 120

81 Another series 120

82 Another series 120

83 Another series 120

84 One hundred unfinished Axes 100

85 One hundred similar 100

86 Another lot, similar 100

87 Another series 100

88 Another series 100

89 Another series 100

90 Another series 100

91 Another series 100

92 A number of broken Axes; others "in the making"; a few flakes; and some rather well-chipped examples of unfinished Axes, all in basalt 129

93 A series of Needles and other Bone Implements, *chiefly found at White Park Bay*; Bones of the Great Auk and the Gannet, *also from White Park Bay* *a lot*

94 Two perforated stag-horn Implements, *rare*; a piece of Horn with cuts on side, and a Flint found with it (which fits the cuts); two notched Bones; a Tusk; two parts of Horn Picks; Human Bones; and six decorated fragments of Bronze Age Pottery; *all found at White Park Bay* *a lot*

95 Several worked Bones and fragments of Stag's Horn; decorated fragments of Pottery, *from Portstewart*; Pottery Fragments, *from Dundrum*; and a small box of Teeth and Shells, *from Narin* *a lot*

96 A lump of Red Ochre, *found at Culbane*; a Celtic Bronze Pin, with decorated head, *Portstewart*; specimens of Mud, *from Lisnacroghera Crannog*; Red Paint, *found at Portstewart*; three early Palettes; four lumps of Ochre; and a perforated Stone Pendant, *all from White Park Bay, an interesting lot* *a lot*

---

97 Sixty Flint Objects, considered by Mr. Knowles to be Eoliths, showing various stages of chipping (one having marks of glaciation on its flaked surface), *from Larne and other localities* 60

98 Sixty other similar Objects, *same localities* 60

99 Fourteen pick-shaped Implements: thirteen Flakes and five Cores, with palæolithic patina, *from Larne, etc.* 29

100 A similar lot 29

ARROW HEADS & OTHER IMPLEMENTS OF FLINT,

FOUND IN COUNTIES DOWN AND ANTRIM.

101 Sixteen very fine barbed Arrow Heads; and five others, with indented bases, on three cards 21

102 Forty-eight barbed and stemmed Arrow Heads; and forty-one others, in black basalt? of varied types, *found at Ballinaloot, rare*, on six cards 89

103 Nine kite-shaped Arrow Heads; nine good examples of large barbed Arrow Heads; twelve stemmed specimens; eighteen indented examples; and nine others, on six cards 57

104 Thirteen fine large barbed Arrow Heads; and forty-seven others, of varied types, on five cards 60

105 Ninety-two Arrow Heads, of varied types, on six cards, *some good* 92

106 Ninety-five others, of varied types, on five cards, *some fine* 95

107 Eighty-eight others, similar, on five cards, *some very fine* 88

108 Fifty-seven others, of varied types, on five cards, *some good* 57

109 Sixty-three others, some with polished faces, on five cards, *a very good lot* 63

110 Seventy-three others, some rare forms included, on six cards 73

111 Seventy-six others, varied, on five cards, *some very fine* 76

112 Fifty-three others, of varied types, some fine examples included, on five cards 53

113 Seven leaf-shaped Spear Heads, of early form; and fifty-eight others, varied, on five cards, *some fine* 65

114 A fine Lance Head, 5 *in. long*, with both faces ground; five others; and fifty-eight specimens, of varied form, on five cards 64

115 An extremely interesting leaf-shaped Arrow Head, showing the scars of the shaft; a barbed specimen, mounted in a piece of an American bone shaft; a fine serrated Arrow Head; and fifty-nine others, on five cards, many fine specimens included 62

116 Sixty-one varied examples of Arrow Heads, on five cards, *some fine* 61

117 Nine unusually fine lozenge-shaped Lance Heads, some of early form; and fifty-six others, of varied types, on five cards 65

118 Sixty-nine selected examples of Arrow and Lance Heads, some extremely fine lozenge and other forms included, on five cards 69

119 Nine good lozenge-shaped Lance Heads, some partly ground; and sixty-nine others, of varied types, on five cards 78

120 An extremely fine leaf-shaped Lance Head (*used in curing cows*); and eight others, *all fine*, on one card 9

*** The "elf dart," or arrow, was popularly credited in Ireland with having the power to cure sick cattle. (*See Evans' Ancient Stone Implements, second edition, p.* 365).

121 A lozenge-shaped Lance Head, in dark flint, having a light-coloured scar in the centre of the blade, 3¼ *in. long, found in Craig Bog* (*see Jour. Soc. Ant. of Scotland, vol. XLIII, fig.* 3, *p.* 280);

LOT 121—*continued.*

another of more slender form, with a similar scar (*also illustrated*); and two others, with scars; *all found in Co. Antrim*, on one card 4

*** The interesting missiles showing the scar of the original arrow shaft, are *of the highest rarity.*

122 Portion of the wooden Shaft of an arrow head, with the original binding of sinew, *found in Kanes Town Bog, also of the highest rarity* (*see Jour. Anth. Inst., vol. XXXIII, p.* 55)

123 A leaf-shaped Lance Head, showing scars of the shaft, 3 *in. long, found at Curncarney, near Kells*; and another of broad lozenge form, with similar scar, *also of great rarity* 2

124 Two others of javelin head type; and two smaller specimens, all showing similar scars; *Co. Antrim* 4

125 A coarsely chipped lozenge-shaped Flint used for curing cattle; *from Craigbally* (*see previous note*); and two small Arrow Heads 3

126 Twenty-five selected Arrow Heads of varied types, *all very fine* 25

127 A similar lot 25

127A A similar lot 25

128 A similar lot 25

129 A similar lot 25

130 A similar lot 25

131 A similar lot 25

132 A similar lot 25

133 A similar lot 25

134 An unusually fine kite-shaped Lance Head, with extremely delicate chipping, and remains of polishing on the two faces, 6 *in. long*; *found in peat between Bellaghy and Castle Dawson* [Pl. I] 1

135 Another, with strong angular projections towards the base, chipped only (*repaired*), $5\frac{1}{4}$ *in. long, found at Glenleslie* [Pl. I]; and a finely chipped lozenge-shaped Lance Head, 4 *in. long, found at Ballywady* 2

136 Another, in grey flint, most delicately flaked, with polish on both faces, $5\frac{7}{8}$ *in. long*; *found at Tyhorney* [Pl. I]

*** Both Nos. 134 and 136 are illustrated in *Jour. Anth. Inst., vol. XXXIII, pl.* XI.

137 A finely chipped Knife, $3\frac{3}{4}$ *in.*; three "Points à cran" of Solutré type; nine Arrow Heads; two other Knives; four other Implements, *found at Portstewart and Grangemore*; a leaf-shaped Lance Head; and a leaf-shaped Blade, $3\frac{5}{8}$ *in. long, found at Watercloney, both fine* 21

138 An interesting series of seventy leaf-shaped Arrow Heads; *Co. Antrim* 70

139 A similar series 69

140 Another series 70

141 A similar lot 70

142 A similar series 70

143 A similar lot 70

144 A similar lot, *some fine* 70

145 A similar lot, *some fine* 70

146 Another series, chiefly of the barbed and indented types, *some fine* 70

147 Another series, similar 70

148 Another lot, similar 70

149 Another lot, similar 70

150 Another lot, similar 70

151 Another lot, similar 70

152 Another lot, similar 70

153 Another series of selected varied types 70

154 A similar series 70

155 A similar series, *very good* 70

156 A similar lot, including a tiny example, *all good* 70

157 A similar lot, *all good* 70

158 Another good lot, including several serrated examples 70

159 Another series of varied types 70

160 Another series, similar, *some good* 70

161 Another series, several serrated 70

162 Another series, *some very fine* 70

163 Another series 70

164 Another series, *some fine* 70

165 Another series, *some fine* 70

166 Another series, *many fine*, including a fine lozenge-shaped Arrow Head 70

167 A similar series, *some very fine* 70

168 Another lot, chiefly of leaf form, *some very fine* 70

169 Another series, *some very fine* 70

170 Another series, including many barbed varieties 70

171 An interesting series, including a lozenge-shaped Lance Head of unusual size, and some rarer varieties of Arrow Heads 70

172 Another lot, including many fine barbed specimens 70

173 Another lot, some fine Lance Heads included 70

174 Another series, including many varieties 70

175 Another lot, varied types, *some very fine* 70

176 Eighty-seven leaf-shaped Arrow Heads of varied types 87

177 Another lot, similar 87

178 An interesting series of leaf-shaped, indented and partly finished Arrow Heads; *Co. Antrim* 114

179 Another series of Arrow Heads of varied forms, some of rich red colour, others made of basalt(?), many of them beautifully chipped; *all with Antrim localities* 70

180 Another series of varied forms; *found at Culbane* 50

181 A lot of fifty-three Knives, Spears and Arrow Heads, some in process of manufacture 53

182 Another series of Spear Heads, showing various stages of manufacture 66

183 A large series of Spear and Arrow Heads, tanged and barbed, and leaf-shaped; *found in the Bann* 115

184 A very fine leaf-shaped Lance Head, $4\frac{1}{2}$ *in. long*; another of lozenge form, $3\frac{3}{4}$ *in. long*; a Knife, with grinding on one face; and eight others; *all from Antrim, a good lot* 11

185 Another lot, similar 20

186 A similar lot 27

187 A similar lot, some fine examples included 21

188 Another lot, similar 37

189	A Spear Head, of elongated kite form, well chipped, of unusually large size, $7\frac{1}{2}$ *in.*; *found at Carndoo* (*Ill. Jour. Anth. Inst.*, *vol. XXXIII*, *pl.* VIII) [Pl. I]	1
190	Implement, of broad leaf form, well chipped, $6\frac{7}{8}$ *in. long*; *found at Brougham* (perhaps an unfinished axe), *interesting*	1
191	Twenty very fine chipped Knives, of varied form	20
192	A similar lot	20
193	Another lot, *very fine*	30
194	A selection of leaf-shaped Knives; tanged examples; and Borers, *all good*	40
195	A similar lot	40
196	A similar lot	40
197	A similar lot	40
198	A similar lot	40
199	A similar lot	40
200	A similar lot	40
201	A similar lot	40
202	Fifteen unusually fine leaf-shaped Knives; and six unfinished Knives or Spear Heads, on two cards	21
203	Fifteen tanged Knives; and ten unusually fine leaf-shaped Knives, on two cards	24
204	Another series, varied, on four cards	36
205	A fine serrated leaf-shaped Knife; twenty-one others; and twelve tanged Knives, on three cards	34
206	Another series, assorted	50
207	A similar lot	50
208	Twenty selected examples of Knives	20
209	A similar lot	20
210	A similar lot	20
211	A similar lot	20
212	A similar lot	20
213	Seventeen fine Knives; three very fine tanged examples; and seven very fine Borers	27

214 A Knife, of chipped flint, with rounded sides and square end, of unusually fine workmanship, $3\frac{7}{8}$ *in. by* $3\frac{1}{4}$ *in.*; *found in Carrick Bog, extremely rare* [Pl. I] 1

215 Another, of similar form, with ground surface, $3\frac{3}{8}$ *in. by* $3\frac{1}{8}$ *in.*, *Glenish*; and part of another, *also rare* 2

216 Another, similar, of good form, partly polished, with one side straight, $2\frac{3}{4}$ *in.*; and another, smaller; *both from Glenleslie* 2

217 Another, with semi-circular cutting edge and well ground surface, $2\frac{1}{2}$ *in. by* $2\frac{1}{2}$ *in.*, *from Glarryford*; and another, equally fine, *from Glenbush* [Pl. I] 2

218 Three ground Knives, of unusual type, *from Culbane and Portglenone, also rare* 3

219 Four others, in good condition, *Portglenone and Kilrea, also rare* 4

220 Another, of discoidal form, well chipped, $2\frac{1}{2}$ *in. diam.*, *Rathkenny*; and four others 5

221 A leaf-shaped Lance or Knife; six Knives, some ground; and a large Scraper 8

222 Forty leaf-shaped Knives, many good specimens included 40

223 A similar lot 40

224 A similar lot 40

225 Forty others, similar 40

226 A similar lot 40

SECOND DAY'S SALE.

Tuesday, November 18th, 1924.

LOT		
227	Twenty very fine leaf-shaped Knives	20
228	Twenty similar	20
229	Another lot of Knives, *also fine*	26
230	A large series of Scrapers; *from the Sandhills at Dundrum*	*about* 350
231	Thirty good Scrapers, *Culbane*; and over one hundred others, *found at Dundrum*	*about* 130
232	A hoard of fine Scrapers, of varied types; *found in Carriff Bog*	70
233	Another hoard; *from Tullynahinion*	60
234	A similar find; *from Carriff Bog*	40
235	A large number of Scrapers; *found at Glenleslie and other localities*	*a lot*
236	A similar series	*a lot*
237	Forty selected Scrapers, *all fine*	40
238	Another series, *equally good*	40
239	Thirteen hollow Scrapers; a Knife; three others, *found at Three Towns Braid*; sixteen hollow Scrapers, *found under a stone at Glenhead*; and eight Implements, *from Maghery, an interesting lot*, in three boxes	41
240	Sixty-five hollow Scrapers, with semi-circular notch in the blade (some serrated), probably used for smoothing arrow shafts and bone pins	65
241	About 260 small Scrapers; *all found in Ireland*	
242	A hoard of 138 Scrapers; *found together at foot of a peat bank at Glenhead*, 1911	138
243	A series of Scrapers, some circular, others hollow, some of button form, and others; *Cullybackey, and other localities*, on ten cards	131

244	Five fine ochreous Scrapers, *found together near Connor*; and five others, *found at Dunboy*	10
245	A hoard of seventeen fine Scrapers; *found together in a hole in a bog at Beggarstown*	17
246	An interesting series of hollow Scrapers, some serrated	50
247	A similar lot	50
248	Another lot, *equally good*	50
249	Another lot	50
250	A similar series	50
251	Another lot, similar	50
251A	Another lot, similar	50
252	Another series	50
253	Fifty others	50
254	Fifty others	50
255	Fifty others	50
256	Fifty others	50
257	Fifty others	50
258	Fifty others	50
259	Fifty others	50
260	Fifty others	50
261	Fifty others	50
262	Fifty others	50
263	Fifty others; two other Scrapers; a Knife; and two Flakes	55
264	Fifty-two tanged Knives of flint	52
265	Thirteen barbed Arrow Heads; and thirty-seven others, of varied types, *all good examples*	50
266	A similar varied series	50
267	Another lot, similar	50
268	A similar series	50
269	A smaller series	36
270	Another series, including many barbed varieties	40
271	Thirty tanged Knives, *some good*	30

272	Sixteen leaf-shaped Arrow Heads; an indented variety; two Borers; a Knife; and a dumbbell-shaped stone object; *all found at Culbane*	20
273	Thirty good Flakes, many of them used as saws, *all with localities*	30
274	A similar series	30
275	A fine leaf-shaped Knife with serrated edge; a combined Saw and Scraper; and twenty-two good Flakes, some used as saws	24
276	Twenty-six Knives and other Implements, *found in the River Bann, several very fine*; and three chipped Axes, *Glenleslie and Cushendall*	29
277	A finely formed stone Disc with sharp edges; and seventeen others, similar, with flattened sides, *many from Ballymena, an interesting lot*	18
277A	Twenty slug-shaped Knives; and twenty-five tanged Knives	45
278	Twenty-two slug-shaped Knives; and twenty-eight tanged Knives	50
279	Another lot, similar	50
280	A similar lot	50
281	A similar lot	50
282	Fifty tanged Knives of flint	50
283	A similar lot	50
284	Another lot, similar	50
285	A similar lot	50
286	A similar lot	50
287	A similar lot	50
288	Twenty-one small flint Borers; *Culbane*	21
289	Thirty-three pigmy Implements; *Culbane, rare*	33
290	Twenty Borers and Pigmies; *Culbane and other localities*	20
291	Thirty-four Pigmies of varied types; *Culbane*	34
292	Nine Pigmies (*all figured in the Journal of the R. I. A., vol. XXX, pl.* 13)	
293	Nine fine tanged flint Flakes or Spear Heads; *from Cos. Antrim and Derry*, on card	9
294	Eleven fine Knives; and sixteen good Borers, *from the same localities*; on two cards	27

295 Sixteen triangular Knives; and Fifteen very fine Borers; *Cos. Antrim and Derry*; on two cards 31

296 Twenty good tanged Knives; and thirteen tanged Flakes and Knives; *from the same localities* 33

297 Two unusually good oval Knives; two Implements of unusual form; small polished Axe, *from Craigs*; and three small polished Axes, *found together in the Bann* 8

298 Four unusually fine Saws, *rare*; four worked Flakes; and nine unfinished Spear Heads; on two cards 17

299 Twelve unusually fine Scrapers; and a fine leaf-shaped Knife; *found in Co. Antrim*; on card 13

300 A large series of Flint Scrapers; *from various Irish localities* *about* 300

301 A similar series *about* 300

302 Another series *about* 300

303 A similar series *about* 300

304 A similar series *about* 200

305 A number of Cores of varied types; *found at Culbane* 75

306 An interesting series of small Flakes, *same locality* *about* 210

307 A large series of Flakes, including a number with secondary chipping; *found at Clough and other localities* *about* 250

308 Six Flakes, *found in a fort at Kells*; and five good Saws, *from various localities, rare* 11

309 A Saw, *found at Kanestown* (*Ill. Jour. R. I. A.*); and fourteen others 15

310 Eleven Saws, *some doubtful* 11

311 A similar lot 11

312 A series of chipped Axes, Scrapers and other Implements; *found at Tievebullagh* 37

313 A series of about two-hundred-and-twenty small Flakes; *found at Culbane* 220

314 Another series of 100 larger Flakes, some with secondary chipping at the point, *Culbane* 100

315 Twenty-eight triangular Flakes, *found together at Mosside*; and six other Flakes, *unusually good* 34

316 Forty-seven Arrow Heads; a Knife; and three Flakes; *some of daubtful antiquity* 51

317 Fifty flint Knives; *from various localities* 50

318 Fifty others 50

319 A similar series 50

320 A similar lot 50

321 Sixty-three others 63

322 Two-hundred flint Scrapers of varied types 200

323 A similar lot 200

324 Another lot, similar 200

325 A similar lot 200

326 A similar lot 200

327 Forty Cores, and nineteen worked flint Flakes, *some good* 59

328 Thirty-five Flint and other Implements, some of cave forms (*including a few from Somaliland for comparison*), on four cards; *an interesting lot* 35

329 Twenty well chipped flint Implements, suggesting the Moustier point, *various localities* 20

330 A similar lot 20

331 A similar lot 20

332 A similar lot 20

333 Five fine Points; and eighty-nine Scrapers of varied types 94

334 Five tiny Borers; thirteen pigmy Implements; and thirty-nine tiny Flakes; *from Castlerock and Portstewart, Co. Donegal* 57

335 Three tiny Borers, *Castlerock*; four tiny Scrapers, *Bundoran*; four others, *Dundrum*; and a number of tiny Flakes, *various localities* *a lot*

336 Seventy flint Scrapers, of selected types 70

337 A similar lot 70

338 A similar lot 70

339 A similar lot 70

340 Sixty-five others, many of them with deep notches in the outline; *from White Park Bay and other localities* 65

341 A series of fifty fine Scrapers, including two of unusual size 50

342 Another series, *some fine* 100

343 A similar series 100

344 Another series 100

345 Another series 100

346 Another series 100

347 A similar series 110

348 A similar series 110

STONE AXES AND HAMMERS.

FOUND IN COUNTIES ANTRIM AND DERRY.

349 A well polished Axe, of diorite, $6\frac{1}{8}$ *in.*, *Culbane*; another, in basalt, highly polished, 6 *in.*, *Bushmills*; and five others; *a good lot* 7

350 A well formed Axe, of rounded section and slightly flattened sides, $6\frac{1}{4}$ *in.*, *Antrim*; another, of broad form, with expanding edge, $6\frac{1}{4}$ *in.*, *Coleraine*, *very fine*; and four others 7

351 A large Axe, $9\frac{1}{2}$ *in.*, *Bann*; another, $6\frac{7}{8}$ *in.*, *Kanestown*; and seven others 9

352 A good Axe, of broad form, of diorite, $6\frac{1}{4}$ *in.*, *Cushendall*; an adze, of basalt, *rare*; an Axe, of light stone, with flattened sides, $6\frac{3}{4}$ *in.*; and six others 9

353 A small Axe, *found near Cullybackey on a grinding-stone*; another, suggesting the early form of bronze axe, $3\frac{3}{4}$ *in.*; and seven others 9

354 A finely ground polished Axe, of basalt, with narrow cutting edge, 8 *in.*, *found near Kilrea*; another, in basalt, of good broad type, $7\frac{1}{4}$ *in.*, *Braid*; and seven others 9

355 A well formed polished Axe, of diorite, $5\frac{1}{2}$ *in.*, *Forks Bridge*; three others, of fine quality; and five others, of varied types 9

356 An Axe, in basalt, with flattened sides, 5 *in.*, *Portglenone*; another, of almond form, *Glarryford*, *rare*; and ten others 12

357 A small Implement, with gouge-like edge, *rare*; another, of oval outline, *Ballycarry*; and ten others 12

358 A basalt Axe, of good form, $6\frac{1}{2}$ *in.*, *Lavin Bog*; a very fine example, with oval section, $7\frac{3}{4}$ *in.*, *Watercloney*; and five others, *all good* 7

359 Another, in basalt, with oblique cutting edge, $6\frac{1}{4}$ *in.*, *Carncastle*; a narrow example in light stone with pointed butt, $7\frac{1}{2}$ *in.*, *Ballymoney*; and five others; *all good* 7

360 Twenty-one polished stone Axes, *from various localities, some good* 21

361 A similar lot 21

362 A well formed Axe, in brown stone, 4 *in.*, *found on the shore of the Bann*; another, in basalt, well polished, $4\frac{7}{8}$ *in.*, *Rathlin*; and ten other Axes, of small size; *all good examples* 12

363 Twenty-one Axes, of varied types 21

364 A similar lot 22

365 Seventeen others, *some good* 17

366 A very fine polished Axe, of basalt, with broad cutting edge, $7\frac{5}{8}$ *in.*, *found at Six Towns, Co. Tyrone*; five others, of similar type; and an Adze, with pointed butt, *found in the Bann near Portglenone*; *all unusual forms, very fine* 7

367 Another, in basalt, with broad cutting edge, $5\frac{1}{2}$ *in.*, *fine*; an example in hone-stone (?), with flattened sides, $4\frac{1}{2}$ *in. long*, *Kilkenny*; and five others; *all good specimens* 7

368 A large Adze, in basalt, partly polished, $10\frac{1}{4}$ *in.*, *from the Buick coll.*; an Axe, in diorite with roughened butt, *Glarryford, rare*; a curious Axe, of oval form; and four others of good size, *a fine lot, and all marked with localities* 7

369 A finely polished basalt Axe, of narrow type, $7\frac{1}{2}$ *in.*, *Carnstrone*; another, in light stone, with flat sides and pointed butt, 7 *in. long*, *Kilrea*; another, of broader form, 8 *in.*, *Dungiven*; a re-chipped basalt Axe; and three others; *a good lot* 8

370 An unusually fine Axe, in black stone, of oval section and somewhat pointed butt, 11 *in. long*, *found at Baltee*; and an unusually heavy and thick Axe, of diorite with ovoid outline, $10\frac{1}{2}$ *in. long*, *found near Cushendall* 2

371 A finely polished Adze-like Implement with flat sides, $7\frac{1}{2}$ *in. long*, *found near Kilrea*; another, with unusually broad cutting edge and incurved sides (probably of the early bronze age), 7 *in. long*, *found near Randalstown*; and two others 4

372 A finely formed basalt Axe, with unusually high polish, 8 *in. long*; another, of good form, 8 *in. long*, *found at Magharabane*; and two others, smaller; *all good* 4

373 An unusually large and fine Axe, of polished basalt, with broad cutting edge, the sides tapering towards the butt, and of oval section; *found near Coleraine* (*see Ulster Journal of Archæology, vol. IX, page* 7, 1903) [Pl. II] 1

374 An interesting Adze, in basalt, chipped into form and curiously "humped" towards the centre of one face, and tapering gradually to either end, 14½ *in. long; found at Clougheen* (*see same publication*, 1906, *plate* 32, *figs.* 3 *and* 3A) [Pl. II] 1

375 Another, in brown stone, with broad cutting edge and slightly tapering sides, one face more curved than the other, 12½ *in. long; found at Ballycarry, fine and rare* [Pl. II] 1

376 Another, with narrow butt and rounded cutting edge, 9¼ *in. long, found at Armoy*; another, 8⅝ *in., found at the foot of Slievegalleon*; another, *from Glenwherry*; and another, 8½ *in. long*; *all good specimens* 4

377 A roughly chipped Axe, of basalt, with sharp sides, 13 *in.*; *found at Armoy* (*see Ulster Journal of Archæology*, 1903, *vol. IX, page* 7) [Pl. II] 1

378 A well formed Axe, of basalt (?), with rounded sides and pointed butt, 12 *in. long, found at Culbane* 1

379 An Axe, of curved form, in light stone, 14 *in. long, with interesting label*; and six other large examples, *some of doubtful antiquity* 7

380 Twelve others, *some of doubtful antiquity* 12

381 A selected series of twenty polished Axes, *all good examples* 20

382 A similar series 20

383 Another selected series 20

384 A similar lot 20

385 A series of twelve Axes; and four Adzes 16

386 A selected series of twenty Axes 20

387 Another series 20

388 A similar lot 20

389 A similar lot 20

390 An Adze, of chipped basalt; a Gouge; four Axes, with pointed butts; and three others; *all good* 10

391 Another series of twenty Axes 20

392 Another series, including several of narrow form 20

393 Another good series, of varied form 20

394 A similar series 20

395 Two Adzes, in polished basalt; a curious "Side Scraper," in same material; a well-formed Axe, in light stone, with flattened sides; another, with oblique cutting edge; a Gouge, in basalt, *rare*; and four other Axes, *all good* 10

396 An unusually broad Axe, in basalt, $8\frac{1}{4}$ *in. long, found near Coleraine*; two others, of large size; another, with oblique edge; and two others, smaller 6

397 An unusually flat Axe, $5\frac{1}{8}$ *in. long, from Lough Mourne*; an Adze, with chipped sides, and ground edge and under face, *from Portglenone*; an unusually narrow Axe, of circular section, $5\frac{1}{2}$ *in. long, Glenisla*; a curious Axe, of oval outline, with sharp sides; a well-finished Adze, *Clough*; and four others 9

398 A Chisel, in basalt, $3\frac{1}{2}$ *in. long*; an Axe, in light stone, with notches at the side, $6\frac{1}{4}$ *in. long, rare*; a curious basalt Axe, chipped on one face and ground on the other; and nine others, *all good* 12

399 A well-shaped Adze, in basalt, with pointed butt, $5\frac{1}{2}$ *in. long*; two Gouges, *rare*; and nine Axes, of varied type, *all good* 12

400 Four narrow Axes or Chisels; three Adzes; and seven Axes, *a very good lot* 14

401 Four Adzes; and nine Axes, *all good* 13

402 An Adze, of narrow form, in grey stone, *Portglenone*; two other unusually good Adzes; two Chisels; and eight Axes, *a very good lot* 13

403 Five Adzes; a good Chisel; and seven Axes, *also very good* 13

404 Forty Axes, in various materials, *some of doubtful antiquity* 40

405 Twenty-one small Axes, *some doubtful* 21

406 A curious broad Axe, with chipped butt; a Burnisher, *found at Glenish*; and twelve Axes, *a good lot* 14

407 Twenty Axes, of good type, *from various localities* 20

408 Twenty-four stone Axes, of curiously light weight (perhaps models); *found in the Bann* 24

409 A series of twenty Axes, of varied types 20

410 A similar lot 20

411 An Adze, with pointed butt; a chipped Axe, with similar butt; and ten Axes, various 12

412 A small Adze, with curved cutting edge; three others, larger, of good form; and twelve Axes, *also good* 16

413 A large series of polished Axes, some interesting examples included 60

414 Three Axes, with grooves ("tracks") on the face; a curious Knife-like Object, polished on one face; a good Adze; half a well-chipped Axe, of basalt; and four others, *all of interest* 10

415 A well-formed Axe, with roughened butt; a roughly-chipped Axe, in basalt; two Adzes; and eight Axes, *a good lot* 12

416 A Box, containing a large quantity of stone Axes, some in process of manufacture, and some of doubtful antiquity, *an interesting lot* 50

417 Twenty-five polished Axes, of various types and materials, many good specimens included 25

418 A similar lot 25

419 Another series 25

420 A similar lot 25

421 A similar lot 25

422 Ten polished Axes, of larger size, and of good form 10

423 Twenty others, of good type 20

424 Fifteen others, of varied type 15

425 Twenty-two others 22

426 A well-ground Adze, in basalt; a well-chipped Axe, with ground edge, *rare*; a Burnisher; a curious Axe, with depressions at sides and a bored hollow on one face, *rare*; and nine other stone Implements, *all of interest* 14

427 A Chisel, in basalt, of good form, 5 *in. long*; five Adzes; a Burnisher; a chipped Chisel, in basalt; a stone Pendant; and sixteen others, *an interesting lot* 25

428 An interesting series of Burnishers, in varied material 10

429 A similar series, including one with finger depressions on the faces 10

430 Three Adzes; a Gouge; and twenty-one polished Axes, *some very good* 25

431	Twenty-five polished Axes, *some very good*, and of unusual form	25	
432	A similar lot	25	
433	A similar lot	25	
434	A similar lot	25	
435	A similar lot	25	
436	A similar lot	25	
437	A similar lot	25	
438	A similar lot	25	
439	A similar lot	25	
440	A similar lot	25	
441	Twenty polished Axes; and five others, of unusually small size	25	
442	A similar series	25	
443	A similar series	25	
444	A similar series	25	
445	A similar series	25	
446	A similar series	25	
447	A similar series	25	
448	A similar series	25	

THIRD DAY'S SALE.

Wednesday, November 19th, 1924.

LOT

449 A flint Axe, straight-sided and square-ended, with sharp sides, of flat section, partly polished, $6\frac{7}{8}$ *in. long*; and another, of same general form, with truncated butt, $7\frac{1}{2}$ *in. long, found together at Clogher, both very fine, and rare in this material* [Pl. I] 2

450 Another, of flint, unusually well-chipped, with sides tapering to the butt, which is pointed, $7\frac{3}{4}$ *in. long* (*illustrated in R. S. A. I., vol. III, part* II); and another, of lozenge section, also extremely well-chipped, $6\frac{3}{4}$ *in. long, found at Forked Bridge* [Pl. I] 2

451 A well-chipped flint Adze, $6\frac{1}{8}$ *in. long*; an Axe, with ground cutting edge; two others, of narrow form, chipped only; and one with pointed butt, having the edge ground on one face, *a good lot* 5

452 A well-formed broad Chisel, with ground edge, $6\frac{1}{2}$ *in., found at Maghera*; and another, with extremely fine chipping, $6\frac{3}{8}$ *in., found at Cruckin* [Pl. I] 2

453 A polished flint Axe, $5\frac{7}{8}$ *in. long, Donegore*; and four others, *all with localities, all good specimens* 5

454 An unfinished Axe, in flint; another Axe, well-chipped (*see R. S. A. I., vol. III, part* 2, *page* 126, *fig.* 20); and four others, *all with localities* 6

455 A partly-polished flint Axe, of narrow form, $5\frac{1}{4}$ *in. long, found near Clough*; five others, *all with localities*; an Adze, *Ballintoy, rare*; and a Flake, with ground surface 8

456 A well-formed Flint Pick or Chisel, $5\frac{7}{8}$ *in. long, found at Glenariffe*; another, *Knockans*; another, *Glenaan*; and five chipped Axes 8

457 Three similar flint Picks; and seven chipped flint Axes, *all with localities* 10

458 Four smaller flint Picks; a curious notched Implement, in basalt; and seven chipped flint Axes 12

459 An interesting series of flint Fabricators, Picks and other Implements; and a Flake of Rock Crystal, *found near Cookstown, very rare* 35

460 A well-formed Axe, with ground edge, $4\frac{7}{8}$ *in. long*; an unusually good Pick, *found at Galgou*; and four others, *all good examples* 6

461 An unfinished Axe, of flint, *found at Dungarvey*; a partly-polished Chisel, of good form, $5\frac{3}{8}$ *in. long, Cloughmills*; a well-chipped pointed Implement, $4\frac{7}{8}$ *in. long, Glenish*; an Axe, with straight sides, ground at the edge only; and three others, *with localities marked* 7

462 A well-formed flint Chisel, $3\frac{1}{8}$ *in. long*; a narrow Axe, of good form, $4\frac{3}{4}$ *in. long, from Glenleslie*; a partly-polished Axe, $5\frac{1}{2}$ *in., from Kells*; and six others, *all good specimens, with localities* 9

463 Two flint Adzes, *rare*; a Chisel with ground edge; and six others, chipped into form, of small size 12

464 A finely formed flint Axe, with straight sides and ground edge, *found at Armoy*; another, ground all over, with pointed butt, *Culbane*; another, smaller, *Glenleslie*; one of rich red brown colour, *from Three Towns*; and three others, *all with localities* 7

465 A well formed Chisel, *from Castlegore*; another, smaller; six small Axes or Chisels; and nineteen others, all of flint 27

466 An unusually small polished Implement of oblong form (probably a Knife); two small Chisels; and five small Axes, all of flint, *and found in Co. Antrim, an interesting and unusual lot* 7

467 Twenty Axes; and five small Axes or Chisels, all of basalt 25

468 A similar lot 25

469 A similar lot 25

470 A similar lot 25

471 A similar lot 25

472 A similar lot 25

473 A similar lot 25

474 Fifteen polished Axes; and ten smaller Axes or Chisels 25

475 A large number of Axes of varied forms, many made of shale and some of doubtful antiquity 50

476 Four basalt Adzes; four Chisels; and eleven polished Axes of various sizes, *a good lot* 19

477 Twenty Chisels of varied sizes, *all of good quality* 20

478 A similar lot 20

479 A similar lot 20

480 A small well-polished flint Axe; seven small flint Chisels; three large basalt Chisels; four smaller examples; and a curious leaf-shaped Knife of basalt, *a good lot* 16

481 An Adze of New Zealand type, *said to have been found at Culbane*; and nine Irish Axes, *some good, marked with localities* 10

482 A similar lot 10

483 A curious Polishing Stone of chert, *found at Culbane*; a roughly chipped Axe in basalt, *from Coleraine*; an Axe of diorite, with oblique edge; and seven other Axes of varied types 10

484 A very fine polished Axe of basalt, $7\frac{3}{8}$ *in. long, found at Crommelin*; another, 6 *in. long, from Magherabone*; a smaller example, *from Glenhead*; an Adze, *Ballyscullion*; and two other Axes 6

485 A massive Axe of grey coloured stone, $8\frac{1}{2}$ *in. long, found near Kilrea*; another of basalt, with oblique cutting edge, 8 *in. long, from Glenhead*; and four others 6

486 An Axe of sandstone, $10\frac{1}{2}$ *in. long, from Glenravel*; another in basalt, $8\frac{1}{2}$ *in. long, Coleraine*; and four others, *all good specimens* 6

487 An Adze of basalt, $8\frac{1}{2}$ *in. long, found at Clough Mills*; another, well-polished, with oblique cutting edge, $7\frac{3}{4}$ *in. long*; and three others, *all good* 5

488 A small Adze in basalt; and nine Chisels, *all good examples* 10

489 A similar lot, *also good* 10

490 Another lot, *also good* 10

491 Another lot, *some good* 10

492 Two "waisted" Axes; and sixteen small Axes, *some doubtful, from Culbane* 18

493 A similar lot; *from Culbane* 22

494 Twenty Whetstones of varied forms and periods (*some prehistoric*), on two cards 20

495 Fifteen polished Chisels; *found in Co. Antrim*, on card, *all good specimens* 15

496 Sixteen small Axes or Chisels of basalt, on card, *also good examples* 16

497 Six Sharpening Stones, of early type, on card; and six Whetstones, of later date 12

498 A very fine Archer's Bracer, in honestone, with two perforations at either end, 5 *in. long*, of the early bronze age, *extremely rare*; and fourteen smaller stone Bracers and Whetstones, on card, *a good lot* 15

499 Six stone Objects, probably Bracers, of the bronze age; and nine other stone Objects 15

500 A Whetstone or Ornament, with incised strap and other ornament on either side; a button-like Object, *both curious*; a Stone Burnisher of conical form, probably Neolithic; four early stone Pendants; and nine Burnishers or Whetstones, some of the prehistoric period 16

501 Thirty Whetstones, of various periods, *some good* 30

502 Thirty-seven others; a Cast of a rare Whetstone; and an 18th century Wig Curler 39

503 A collection of Irish stone Spindle Whorls; and a few stone Beads, some decorated, on four cards; a few American Examples included for comparison, *a very interesting lot* 78

504 Thirty stone Spindle Whorls, chiefly of the prehistoric period 30

505 A similar lot 30

506 Another lot, similar 30

507 A similar lot 30

508 A similar lot 30

509 A Spindle Whorl, made from a piece of petrified wood, *curious*; five decorated Whorls; and fifteen others 21

510 Thirty-two Spindle Whorls; *found at Culbane* 32

511 A similar lot; *from the same locality* 32

512 A string of fifty-one Spindle Whorls (some decorated) and Beads of early type (including a bronze Whorl); *found in Co. Antrim* 51

513 Two Stones, with cup-shaped depressions on one face; and five fine Hammer Stones with indents on either face 7

514 A similar lot 7

515 A massive Hammer Stone with depressions; two others, *also good*; a hollowed Disc; two "tracked" Stones; and three Pounders 9

516 Ten Pounders, with depressions on face; ten "tracked" Stones; and ten ordinary Hammer Stones 30

517 A similar lot 30

518 Another lot, similar 30

519 A similar lot 30

520 A similar lot 30

521 A similar lot 30

522 A similar lot 30

523 A similar lot 30

524 A similar lot 30

525 Forty-two "tracked" Stones; and thirty-seven ordinary Hammer Stones 79

526 Two stone Discs, and two Fragments, *from Portstewart*; and five others, *found in Co. Donegal, an interesting lot* 7

527 Twenty-nine Axes in basalt, showing various stages of manufacture; *from the Glenleslie "Axe factory," Co. Antrim; an instructive lot* 29

528 Four cylindrical Stones, perhaps for boring axe hammers; seventeen Honestones of various periods; and a grooved Axe in basalt, *rare; from various localities* 22

529 Twenty Axes or Chisels of narrow form, in chipped basalt; and six unfinished Specimens; *from various localities* 26

530 A similar lot 26

531 A large flint Pick, *found at Coleraine*; and eleven others, *from various localities* 12

532 A similar lot 12

533 Twelve flint Axes and Chisels; *from various localities, some good* 12

534 A similar lot 12

535 Twenty chipped flint Axes, some unfinished; *from various localities* 20

536 A similar lot 20

537 A similar lot; and two Tranchet Axes 22

538 Fourteen flint Picks, *from various localities* 14

539 A similar lot, including one of basalt 14

540 A very fine basalt Pick, with ground sides; and nineteen chipped Axes in same material, *some very good* 20

541 Five Picks; a fine Adze; and fourteen Axes, all of chipped basalt, *some very good examples* 20

542 Nineteen similar Axes; and a basalt Flake 20

543 A similar lot 20

544 A polished Axe; and nineteen chipped Axes, all in basalt 20

545 A Pick; an ovate Implement, *Cushendall* (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXVII, *fig.* 31); and eighteen chipped Axes, all in basalt 20

546 Twenty Axes in chipped basalt, *some unfinished* 20

547 A Pick; eighteen chipped Axes, *some fine*; and a Side Scraper, *Cushendall, rare*, all of basalt 20

548 An unfinished Axe, 11 *in. long*; another, 9 *in. long*; and eighteen other basalt Axes, *some fine* 20

549 A Pick; and nineteen chipped Axes, *some unfinished*, all in basalt 20

550 Thirteen chipped Axes, *some good*; a long Flake; six Hammer Stones; a polished Axe: all of basalt; and two others 22

551 Twenty Pounders, or Mealing Stones, *some very good examples* 20

552 A similar lot 20

553 Another lot, similar 20

554 Two "Anvil Stones"; nine Hammers; and a Celt, with depressions on faces, adapted as a hammer, *rare* 12

555 A fine flint Pick, *found at Culbane* (*Ill. Jour. R. I. A.*, *vol. XXX*, *pl.* XV, *fig.* 72); a good chipped Axe in basalt (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXIII, *fig.* 6), *Cushendall*; another flint Pick (*Ill. Jour. R. I. A.*, *vol. XXX*, *pl.* XVI, *fig.* 80); and two other fine chipped basalt Axes (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXIII, *figs.* 7 *and* 8), *from Cushendall* 5

556 A fine flint Pick, *from the Bann* (*Ill. Jour. R. I. A.*, *vol. XXX*, *pl.* XV, *fig.* 25); another (*fig.* 74); and three chipped Axes, *from Cushendall* (*Jour. Anth. Inst.*, *vol. XXXIII*, *figs.* 16, 22 *and* 34) 5

557 A fine chipped flint Axe, of narrow type, *from the Bann* (*Ill. Jour. R. I. A.*, 1912, *vol. XXX*, *pl.* X, *fig.* 78); a very fine chipped flint Pick, *from Culbane* (*same Journal*, *fig.* 76); a fine flint Axe, with ground cutting edge, *Coleraine* (*Ill. Jour. R. I. A.*, *vol. section C*, *pl.* XVI, *fig.* 92); a flint Knife (*illustrated*); and two roughly chipped basalt Axes (*Ill. Jour. Anth. Inst.*, 1903, *pl.* XXXVII, *fig.* 30, *and pl.* XXXIX, *fig.* 11), *from Cushendall* 6

558 An extremely unusual "Tracked Stone," of fine quartzite, with a deeply cut trough-shaped depression on one face, *found at Ballyclair sandy braes* (*Ill. Jour. Roy. Hist. and Arch. Ass.*, *fig.* 3);

LOT 558—*continued.*

a Hammer Stone, with unusual countersunk perforation; a stone Pendant; a small Axe; and two Hammer Stones; *from various localities* 6

559 A roughly formed Axe, $10\frac{3}{4}$ *in., found in Lough Neagh*; a chisel-shaped Implement, in clay slate, weighing 4 lbs., 15 *in. long, Culbane*; and forty-four others, *many of doubtful antiquity* 46

560 Fifty others, in clay slate, *many doubtful* 50

561 A similar lot 50

562 A similar lot 50

563 A similar lot 50

564 A large number of small pick-like Implements, Scrapers, and other Objects, in flint; *from various localities* *a lot*

565 A coarsely chipped Pick, *found in the Bann at Coleraine* (*Ill. Jour. R. I. A., vol. XXX, pl.* XVI); and a large number of similar Objects, and Picks of various sizes and types; *from various localities* *a lot*

566 An Axe Hammer, of granitic material, well polished, with deeply grooved upper and lower face, $5\frac{3}{8}$ *in. long*; *found at Clady, near Portglenone* [Pl. II] 1

567 A HIGHLY IMPORTANT AXE HAMMER, of dark polished stone, with semi-circular cutting edge, cone-shaped hammer end, and strongly incurved sides; the curves are outlined with a pronounced rib, 6 *in. long by* 4 *in. greatest width. This unusually fine and rare example, weighing* 4 *lbs., was found in deepening the river Bann about* 1847 (*see Ulster Journal of Archæology, vol. III, p.* 234, *and Proc. R. I. A., vol. XXX, section C, no.* 7, *pl.* 19, *fig.* 127) [Pl. II] 1

568 A pestle-shaped Hammer, of highly polished granitic stone, cylindrical in form, with rounded ends and small circular perforation, $3\frac{1}{4}$ *in. long, also fine and rare*; *found near Bushmills, Antrim* [Pl. II] 1

569 Another, of similar form, $3\frac{1}{4}$ *in. long, found at the Commons of Carrickfergus*; and a smaller example, *from Lough Mourne, both rare* 2

570 An Axe Hammer, of wedge form, with conical butt and broad cutting edge, partly perforated; the outer edge of the depression on either side decorated with a raised moulding, $4\frac{1}{2}$ *in. long, found in the Bann, fine and rare*; a perforated Axe, of doubtful antiquity; and a small Axe Hammer, *found at Moorfields, Antrim* 3

571 An oval Hammer, in black stone, with circular perforation, $3\frac{1}{4}$ *in. long, from Connor, Co. Antrim*; and another, smaller, *from the bed of the Bann, both rare* 2

572 An oval Hammer, with "hour glass" shaped perforation, the sides decorated with incised grooves, 5 *in. long*; and a cylindrical stone Implement, with the ends much abraded by use, *found together, an interesting lot* 2

573 An Axe, of diorite, with strongly curved depressions at the sides, the inner part of the depression hollowed for the grip of the fingers during use, $5\frac{3}{4}$ *in. long, from Glengariff*; an oblong Hammer, with "hour glass" perforation; and a discoidal Pebble, with the sides of the perforation rounded 3

574 Massive oval Hammer, of quartzite, with "hour glass" perforation, $4\frac{1}{2}$ *in. long, Glenleslie*; a boat-shaped example, with large perforation, $3\frac{3}{4}$ *in. (probably from the Bann)*; an egg-shaped Hammer, of polished black stone, with small perforation, *from Carnlee*; and an early quartzite Hammer, with "hour glass" perforation, *found at Connor* 4

575 A discoidal Macehead, of sandstone, with grooved lines round the perforation, $4\frac{1}{4}$ *in., found in the Bann*; and six others, with primitive "hour glass" perforation (*this style of perforation is considered to be evidence of Neolithic date for the implement*) 7

576 A massive wedge-shaped Hammer, with large perforation, $7\frac{1}{2}$ *in. long, found at Aughmahoy*; and three others, of varied forms 4

577 A heavy perforated Hammer; and four others, all with primitive boring 5

578 Another, made from a larger broken example; a discoidal Implement; another, in quartzite, of oval form; and two others, *all good examples* 5

579 An oval Hammer, of good form, in granitic material; and five others, *a good lot* 6

580 Twelve perforated Hammer Stones 12

581 A similar lot 12

582 A similar lot 12

583 Twelve others, similar 12

584 Ten other examples; a stone Net Sinker?; and a curious oval Hammer, in iron, of uncertain date 12

IMPLEMENTS AND OTHER OBJECTS OF THE BRONZE AGE.

FOUND IN IRELAND.

585 A fine flat Axe, in copper, with semi-circular edge, $6\frac{1}{8}$ *in. long, found at Cullybackey*; and two others, smaller, *with localities* 3

586 Another of copper, of heavy fabric, $4\frac{7}{8}$ *in. long, found near Omagh, fine*; and three others, smaller, *with localities* 4

587 Another of copper, with unusual incurved sides, and straight-cutting edge, $6\frac{1}{4}$ *in., Ballymena*; and two others, smaller, *both good* 3

588 Three flat Axes of primitive type, $4\frac{1}{2}$ *in.*, $4\frac{1}{4}$ *in. and* 4 *in. long*; *from Toome, Dunboy and Loughguile* 3

589 A flat bronze Axe, with incurved sides, $4\frac{1}{4}$ *in., Clough*; another, 5 *in., Ballyconolly*; and another, $5\frac{3}{8}$ *in., Ballymena* 3

590 A large flat Axe, expanding towards the edge, the surface showing traces of herring-bone decoration, $7\frac{1}{4}$ *in. long*; *Ballymena, fine and rare* 1

591 Another, similar, with decoration of short indented lines out-curving from the centre, and elaborately facetted sides, 7 *in. long*; *found near Garvagh, in Cregard Bay, fine and rare* [Pl. III] 1

592 A flat Axe, with narrow butt, $4\frac{1}{2}$ *in. long, found at Craig-billy* (*Ill. Ulster Journal of Archæology, vol. IX, p.* 179, *fig.* 3); another, $4\frac{1}{4}$ *in.*; a smaller example; and a tiny copper Blade, *found at Kells, Co. Antrim* 4

593 A flat bronze Axe, with curved cutting edge, the surface decorated with lines of indented dots and chevrons, $5\frac{3}{4}$ *in.*; *found at Glensherry, fine and rare* [Pl. III] 1

594 Another, with herring-bone decoration on surface, $7\frac{1}{4}$ *in.*; *found near the previous specimen, also fine* 1

595 A flat bronze Axe, with traces of herring-bone decoration, $4\frac{5}{8}$ *in., found at Moorfields, Co. Antrim, fine*; another, with slight ridge in centre of blade, $5\frac{1}{4}$ *in., Ballymena*; and a small chisel-like object, *Moorfields* 3

596 An unusually large flat bronze Axe, with strongly curved sides, and curved cutting edge, the sides outlined with four parallel grooved lines and dots, $8\frac{3}{4}$ *in. long*; *found at Dunnygarron, fine and very rare* [Pl. III]

597 Three flat bronze Axes, $5\frac{3}{8}$ *in.*, 4 *in. and* $3\frac{1}{2}$ *in. long, all with localities* 3

598 A flat bronze Axe, with slight ridge on blade; a curious Implement, with shoulders at sides; and a smaller Object, the two latter perhaps burnishers; *all Co. Antrim, an interesting lot* 3

599 A flat bronze Axe, with incurved sides, the surface decorated with strongly engraved lines, $6\frac{7}{8}$ *in. long*; *found in a bog near Durrock, Cushendall, fine and rare* [Pl. III] 1

600 Another, with surface decorated with herring-bone ornament, 6 *in. long*; *Ballymena* [Pl. III] 1

601 Another, with somewhat straight-cutting edge, $6\frac{1}{2}$ *in. long, Ballymena*; two small flanged Axes; and an unusual type of Chisel, *found at Dreenan* 4

602 An unusually fine flanged Axe, with curved cutting edge, the surface of the blade decorated with a panel of deeply grooved parallel lines, $5\frac{7}{8}$ *in. long*; *Ballymena* [Pl. III] 1

603 Another, with slight flanges, having a decoration of curved and straight lines of indented dots, $5\frac{3}{4}$ *in. long*; *bought in Belfast, extremely fine and rare* [Pl. III] 1

604 A fine example of a flanged Axe, with slight stop ridge, $4\frac{3}{8}$ *in. long, Grange*; and another, smaller, *found at Derry* 2

605 A fine flanged Axe, with oval side flanges, outlined by a deep groove, the whole surface decorated with punch marks, 6 *in. long*; *Co. Antrim* (*see Jour. Royal Historical and Archæological Institute*, 1889, *p.* 112, *no.* 1, *pl. III*) [Pl. III] 1

606 A flanged Axe, with slight stop ridge, the flanges decorated with deeply grooved oblique lines, $4\frac{7}{8}$ *in. long, Ballymena, fine*; and another, smaller, plain 2

607 Another, with strong side flanges and stouter stop ridge, the centre of the blade outlined with a curved band of indented dots linking up the ends of the wings, $6\frac{1}{4}$ *in. long*; *found in Garvers Bog, Co. Antrim, extremely fine* (*see Jour. Roy. Hist. and Arch. Jour.*, 1889, *p.* 113, *pl. III, no.* 2) [Pl. III] 1

608 An unusually fine flanged Axe, with stop ridge, having a raised curved line connecting the two flanges, from the centre of this curved line is a straight rib running upwards to the stop ridge, 6 *in. long* [Pl. III] 1

609 Two Axes, with side flanges, and a curved ridge on blade, *both with localities* 2

610 Three similar Axes, *all good specimens* 3

611 A similar lot 4

612 A finely formed flanged Axe or Palstave, with stout stop ridge and curved cutting edge, $5\frac{3}{8}$ *in. long, Co. Derry*; and two others, smaller 3

613 A winged Palstave, with stout triangular ornament below stop ridge, $4\frac{3}{4}$ *in., Co. Tyrone*; and another of plain type, 6 *in., Lisburn, both fine* 2

614 Another, with triangular ribs on blade, $4\frac{1}{2}$ *in., Crommelin*; and two others, *all good specimens* 3

615 Another, with angular side flanges and curved cutting edge, 7 *in. long, Co. Derry, fine*; and an Example, with loop at side, *found in a Crannog at Lough Mourne* 2

616 A fine Palstave, with conical ridge on blade, $4\frac{5}{8}$ *in., Glenny, Co. Antrim*; and another, of plain type, both with loops 2

617 A socketed Chisel, of square section, $3\frac{1}{4}$ *in.*; a fine Gouge, $3\frac{1}{4}$ *in., Cullybackey*; and another, smaller, *Grange* 3

618 A winged Palstave, with unusual rib on sides at the junction of the blade to the socket, 6 *in. long, Craig's Bog*; another with wings, $5\frac{1}{4}$ *in., Toome*; and a smaller Example, with shield-shaped ornament below stop ridge 3

619 A fine socketed Celt, with curved cutting edge and side loop, the mouth decorated with ribs, 4 *in. long, found at Craig's*; and three others, smaller 4

620 Another Example of unusual size, $4\frac{1}{2}$ *in. long, Co. Cork*; and three others, smaller 4

621 Another, of good form, the mouth decorated with ribs, *Kilwalter*; another, similar; and three others 5

622 Another, with ribs on socket, *Glarryford*; three others, *all good specimens*; and an imperfect Example, *all with localities* 5

623 Another, of unusually good form, $3\frac{1}{4}$ *in.*, *found at Cross*; and three others, *with localities, all good examples* 4

624 Three smaller Specimens, with unusually broad cutting edges, *Clough and Larne, a good lot* 3

625 Another Specimen, with curiously broad cutting edge and incurved sides, $3\frac{1}{4}$ *in.*, *Ballymoney*; and two others, *also good, from the Glenny collection* 3

626 A finely-formed socketed Celt, with well-defined ribs on socket, $3\frac{1}{2}$ *in. long*; and another, somewhat similar, $3\frac{1}{2}$ *in.*, *Portglenone* [Pl. III] 2

627 A good socketed Celt, with socket of oblong section and a raised moulding at mouth, $3\frac{1}{2}$ *in.*, *found in Fenagh Bog*; and two others, of the same type, with three ribs on the faces, *rare, Co. Antrim* 3

628 Another, with similar ribs on the faces, $3\frac{1}{4}$ *in.*; a small Celt, with socket of square section; and a very unusual Example, with raised moulding at mouth of socket, $3\frac{7}{8}$ *in.*, *all Co. Antrim* [Pl. III] 3

629 A bronze Chisel, with side flanges, $3\frac{1}{4}$ *in.*; another, similar, *Killyless*; and four unusually small socketed Axes or Chisels, *with localities, a good lot* 6

630 A Chisel, with narrow blade, expanding towards the edge, the flanges at right angles to the blade, $3\frac{1}{4}$ *in.*, *Castlegore*; and two others, similar, *all rare* 3

631 Two others, similar, *Knockboy and Co. Antrim*; and a tiny crescent-shaped Blade, probably a razor, *Cleggan, the last very rare* 3

632 A Chisel, of early type, with projections at the sides and a cutting edge at either end, $4\frac{3}{4}$ *in. long*; *Randalstown, fine and rare*; another, with curved cutting edge and a tang for the handle, 4 *in.*, *Glenish*; and an earlier type, with curved sides, 3 *in.*, *Ballybay, all fine and rare* [Pl. VII] 3

633 An extremely fine bronze Spear Head, of early type, with narrow solid blade, decorated with strong ribs in a sunk panel, and having a wide socket, with loops at the base, $6\frac{1}{4}$ *in. long*; *found at Deerfin* [Pl. IV] 1

*** This interesting weapon shows evidences of the development of the spear-head from the dagger and is of unusual interest.

634 Another, of similar type; and three others, *imperfect*, of slightly later form, with side loops 4

635 A Spear or Lance Head, with leaf-shaped blade, decorated with a rib, $5\frac{1}{4}$ *in.*, *Magheraboy*; another, $4\frac{1}{4}$ *in.*, *Teeshaw*; a similar Example, *found at Cloughancely*, all with side loops on socket; and the Blade of another, of broader type 4

636 A Lance Head, with lozenge-shaped blade, $3\frac{5}{8}$ *in. long, fine*; and four others, of slender form, all with side loops, *found in Co. Antrim* 5

637 A Lance Head, with slender leaf-shaped blade; another, with rib on upper part of socket, $4\frac{7}{8}$ *in.*; another, with curious blade of square section and traces of loops (with original wood in socket), *rare*; and an Example, with lozenge-shaped blade decorated with ribs in relief and a "false rivet" on socket, $3\frac{3}{4}$ *in.*, *rare, all Co. Antrim, a most interesting lot* 4

638 A Lance Head, with broad blade, $3\frac{3}{4}$ *in.*; another, similar, $3\frac{3}{8}$ *in.*; and two others, of unusually small size, all with side loops, *and all found in Co. Antrim* 4

639 A Spear Head, with a triangular blade, decorated with ribs in relief, the ends of the blade are carried down by means of a strap-like moulding to the side loops, which have oval faces; the socket and sides of the "straps" are decorated with lines of dots, and a sinuous line of dots occurs at the base of the socket, $6\frac{5}{8}$ *in. long* [Pl. IV] 1

*** This unusually well preserved and fine weapon was found in Fenagh Bog, and is illustrated and described in the *Royal Historical and Archæological Association Journal*, 1889, *pl. III, fig.* 3, *p.* 113.

640 A fine Spear Head, of unusually slender form, the sides of the blade being slightly incurved, the section of the mid-rib is of a lozenge form, and the edge of the blade is continued down to the side loops, $7\frac{1}{2}$ *in. long, found in Buckno Bog*; and another, of more ordinary type, $4\frac{3}{4}$ *in. long, Co. Antrim* 2

641 A Lance Head, with ribs on blade and side loops, 6 *in. long, from the Glenny collection*; three small Lance Heads, of later type, with rivet holes; and the Blade of a Spear Head, *all found in Co. Antrim* 5

642 A Spear Head, with narrow leaf-shaped blade, strong mid-rib, and the outline of the blade ridged, there are remains of loops at the base of the blade for attachment to the shaft, and the socket is unusually long, 11 *in. long*; and the Point of another Spear Head 2

643 A Spear Head, with somewhat slender blade, and stout mid-rib, the base of the blade having wire loops for attachment of the cord used to secure the head to the shaft, 12 *in. long*; *found near Toome, Co. Derry* 1

644 A Spear Head, with broad blade, the edge having a curious angular outline in the centre of the blade, the base of the blade is furnished with similar loops to the previous item, $7\frac{3}{4}$ *in. long*; *found at Rasharkin, fine and rare* [Pl. IV] 1

645 A Spear Head, of graceful form, with leaf-shaped blade and bevelled cutting edge, the end of the blade is continued down to the rivet-hole as a decorative moulding, 9 *in. long*; *Claddy, Co. Derry, very fine* [Pl. IV] 1

646 Another of slender form, the blade being continued as a rib down to the rivet hole, $8\frac{3}{4}$ *in. long, found at Taylorstown*; a Lance Head, with leaf shaped blade, $5\frac{1}{2}$ *in. long, found at Glenwherry*; and a Javelin Head, with curious markings on the surface, *in very fine condition, an interesting lot* 3

647 A Javelin Head, with oval openings in blade, $3\frac{3}{4}$ *in. long, extremely rare*; another, with wire loops at base of blade of stouter workmanship; and three broken bronze Axes 5

648 A Blade of a knife dagger, with strong midrib and broad base, in which are three original rivets, *an interesting and early type*, $3\frac{1}{2}$ *in. long*; *found at Carnstrone* 1

649 A Rapier Blade of slender form, with side notches for the rivets, $9\frac{1}{2}$ *in. long*; and another similar, 8 *in. long* 2

650 Another, with triangular base, notched for two rivets, $12\frac{1}{2}$ *in. long, found at Parkmore, Ballymena*; and a curious Blade, with two rivet holes 2

651 A Dagger Blade, of later type, with broad blade and angular plate, perforated with two rivet holes, $11\frac{1}{2}$ *in. long*; *found at Skerry*; *fine* [Pl. IV] 1

652 A Dagger Blade, with triangular base, having notches for two rivets, $5\frac{7}{8}$ *in. long*; an early Knife Blade of triangular form, with four rivet holes, $3\frac{3}{4}$ *in. long, found at Bushmills*; and a small Knife Blade, *found at Tully* 3

653 An extremely fine bronze Sword, with broad leaf-shaped blade, and complete handle plate with fish tail termination, the handle

LOT 653—*continued.*

plate is ridged, and is pierced for four rivets, the remaining rivet holes have been plugged, 25 *in. long*; *found in Rosherry Peat Bog* [Pl. IV] 1

*** A label with an interesting pedigree of the weapon is attached.

654 Another of good form, with leaf shaped blade, and handle plate pierced for six rivets, and having a slot in the centre, three of the original rivets remain in position (*the blade has been neatly repaired*), 23⅜ *in. long*; *found in a bog near Glenish*; *fine* [Pl. IV] 1

655 Another of good form, with leaf shaped blade and part of handle plate which is pierced for two rivets, 19½ *in. long*; *found in Derry* (*repaired*) 1

656 A Sword of slender form, with broad fish-tail termination to handle plate, and having ribs on the plate, which is pierced for six rivets, 19 *in. long*; *found at Ballymoney* (*repaired*) 1

657 Another of broader type, with imperfect handle plate, pierced for six rivets, 18¾ *in. long*; *found at Cross Keys, Co. Antrim* 1

658 A Dagger Blade, with strong midrib, and having one rivet in position; a broken Sword Blade, *found at Cushendall*, 14½ *in. long*; and three other Blades, *all imperfect* 5

659 A Dagger Blade, with midrib of simple form; and a bronze Sickle, with ridged blade, and socket pierced for one rivet, 6⅛ *in. long*, *rare* 2

660 A Dagger or Knife, with slender leaf-shaped blade, and oval socket, the latter has incurved sides and is pierced for rivet (part of the wooden handle remains in position), 10¾ *in. long*; *found at Glenbush* [Pl. IV] 1

661 A curious pointed Weapon, with blade of square section and funnel shaped socket, the latter is pierced for a rivet, 7⅝ *in. long*; *found at Fermanagh, extremely rare and in good condition* [Pl. VII] 1

662 A Scabbard Chape for a Sword, the socket is of lozenge section, and the butt has a globular termination, 3¾ *in. long, an extremely unusual type*; *probably found at Lisnacroghera Crannog, from the Buick collection* [Pl. IV] 1

663 A Knife or Razor, with leaf-shaped blade, decorated with a lozenge shaped boss in slight relief, the pointed end has an angular notch, and there is a tang for the handle, 3¼ *in. long* (*found at Carrickfergus*); and another, with projections at upper part of the tang, 4¼ *in. long, found at Killyless, both rare* [Pl. VII] 2

664 Another, with slender leaf-shaped blade and rivet hole in tang, $4\frac{5}{8}$ *in. long, found at Moorfields Co. Antrim*; and another, with a depression divided by a midrib in centre of blade, 3 *in. long, found at Ballymena, both fine and rare* [Pl. VII] 2

665 A Knife, with slender blade, and decorated with a midrib, the socket, which is perforated for one rivet, is incurved at the base, $6\frac{1}{4}$ *in. long; found in Co. Antrim, rare* [Pl. IV] 1

666 A socketed Knife; and two Axes, *all imperfect*; and a Lump of Copper, *all Co. Antrim* 4

667 A Palstave, with two recently bored holes in the socket, *Glenish, Co. Antrim*; five bronze Chisels; and two copper Implements, *some of later period* 8

FOURTH DAY'S SALE.

Thursday, 20th November, 1924.

STONE MOULDS FOR IMPLEMENTS.

FOUND NEAR BALLYMENA.

LOT

668 A very fine Valve of a mould for a spear head, made of schist, this was for casting a weapon with a strongly grooved blade, and with large side loops, 5 *in. long, extremely fine and rare* [Pl. IV] 1

669 A Valve for a similar lance head, $3\frac{3}{8}$ *in. long*; and another of same type, $4\frac{1}{2}$ *in., both probably of basalt, very rare* [Pl. IV] 2

670 A similar Valve of a mould, $4\frac{1}{4}$ *in.*; and part of another 2

671 A four-sided Mould, of square form, for casting various types of razors or knives, 3 *in. long*; and a Valve, for making a small socketed celt, with side loop, $2\frac{1}{2}$ *in. long*; both of sand-stone, *and extremely rare* [Pl. IV] 2

672 A Valve of a Mould for casting the blade of a larger spear-head, with ribs on blade, $6\frac{3}{4}$ *in.*; another, for a small lance of early type; part of another, for making the blade of a socketed axe; and a Fragment of a Mould, for a spear head 4

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673 Part of the Rim of a large bronze cauldron, with tubular rim and solid ring handle, the latter is suspended from a broad reel-shaped loop, having three ribs in high relief; and the companion Piece for the opposite side, $8\frac{1}{2}$ *in. long, very fine and rare* [Pl. V] 2

674 A Cauldron, of thin sheet bronze, composed of four plates riveted together, the bowl is in the form of an inverted cone with rounded shoulders and flat rim, on the rim are two solid ring handles attached by ribbed loops to the rim, 12 *in. high, about* 15 *in. diam.*; *found in a bog near Portglenone, extremely rare* [Pl. V] 1

675 A Ring Handle and Loop; Part of a Rim; and two odd Plates; all parts of cauldrons 5

676 A plain Band from a large bronze cauldron, with a number of holes punched in it for riveting purposes 1

677 A Cauldron or deep bowl, of flattened hemi-spherical form, showing considerable evidences of repair in the shape of riveted patches all round the sides, the rim has a number of holes punched in it, probably for an additional rim, 12½ *in. diam.* 1

678 Another Cauldron, with straighter sides, rounded below, showing similar repair at the sides, 10½ *in. diam.*; *found in a bog at Gortgole, Buick coll.* (*see Ulster Journal of Arch. vol. XIV, page* 23, 1908) 1

679 An important Cauldron, of unusually large size, with strongly curved sides and short oblique rim; this also bears evidence of much patching, showing the high value attached to these vessels of beaten bronze in early times, 17 *in. diam. at mouth,* 13 *in. high*; *found in Dirneveigh Bog in* 1885 1

*** Some of these bowls were probably originally used as water clocks, but not when in this patched condition.

680 Another Vessel, with straight sides and flat base, and having similar evidences of patching, 14 *in. diam.*; *found at Portglenone* 1

681 A Cooking Pot, with ridged sides and cylindrical neck, having two stout loops riveted to the sides, the surface is decorated with hammer marks, 7½ *in. by* 6½ *in.*; *probably of the mediæval period, found in the Bann* 1

682 An Armlet, of broad form, with curved sides and outcurved ends, the body is elaborately decorated with bands of concentric lines and chevrons, 3⅜ *in. diam*; *found in a bog at Castle Dawson, near Magherafelt, very fine and extremely rare* 1

683 A spur-shaped Object of large size, the shank sharply curved and the ends of the limbs flattened out and perforated (the shank probably terminated in a knob, now missing), 9⅞ *in. long*; *late Celtic period, found at Glenatrace, rare* [Pl. VII] 1

*** These objects are considered to have been used as an ornament upon the head of a horse.

684 A bronze Pin, with discoidal head, having a stout conical projection in the centre, the head is bent down at right angles to the shaft, 5¾ *in. long*; another of similar type, the disc decorated with fine concentric lines, and a small boss in the centre, 6¾ *in.*; and a Pin, of straight form, with a conical projection on the disc, 6¼ *in.*; *all found in Co. Antrim, very fine and rare* [Pl. VII] 3

685 A bronze Pin, with large ring head, the junction of the head to the pin being strongly curved, and the lower part of the curve forming

LOT 685—*continued.*

a shoulder, 7 *in. long, fine*; another, of very curious form, the head curving sharply back and forming a circle, the head is now hollow, but was probably filled with coral or enamel, $6\frac{3}{8}$ *in. long*; and a fine Pin, of the "hand type," with head of crescent form, one side having five finger-like projections, the flat plate is decorated with characteristic spirals; *all of the early iron age and very rare* [Pl. VII] 3

686 A bronze Pin, with hollow head and looped top; another, with head in form of a horse's head, to this are attached two pendant rings; and a good bronze Fibula, of La Téne type III, having a pierced catch-plate and a spiral spring attached to head of pin; *all of the early iron period* 3

POTTERY AND OTHER OBJECTS, CHIEFLY FROM BRONZE AGE INTERMENTS.

687 An Urn, of bowl form (*repaired*), with a band of triangular indents filled with small dots in centre of the body, 5 *in. by* 3 *in.*; *found in a "Giant's Grave" at Loughloughan, near Broughshane* (*see Jour. R. S. Ant., Ireland, part II, vol.* XXXII) 1

688 A primitive Lamp, of earthenware, in the form of an open bowl of oval form, with pinched spout at one end, 6 *in. long*; *found at Portstewart* 1

689 An Urn (*repaired, with base missing*), the surface decorated with a hatched pattern of dotted lines, $6\frac{1}{4}$ *in. diam., found inside a larger urn at Galgorm Park* (some bones remain in the urn); three calcined Arrow Heads, probably found within the urn (*see Roy. Ulster Jour. Arch.*, 1875, *pl.* III); and a calcined Arrow Head, found in another urn 5

690 A very fine Urn of bowl form, decorated with bands of parallel and vertical lines, and having a deep groove in centre of the body accentuated at the borders by angular ridges, the upper ridge decorated with angular indents, and the lower one with chevrons, $5\frac{1}{2}$ *in. by* $3\frac{7}{8}$ *in.*; also the Blade of a fine bronze Knife of triangular form, with two stout rivets, and showing the scar of the hafting between the rivets, 3 *in. long*, found inside the urn; *found at Loughguile in* 1870 (*Illustrated in Abercromby's "Bronze Age Pottery," vol. II, p.* 163, *fig.* 47) [Pl. VI] 2

691 An Urn (*restored*), the body decorated with ridges, in the depressions between which are chevrons in relief, and with a band of oblique dotted lines below the rim, 6 *in. by* $4\frac{7}{8}$ *in.*; *found at Ballycloughlan* (*Ill. Roy. Ulster Jour. Arch.*, 1895, *part* II, *vol. I, fig.* 4) [Pl. VI] 1

692 An imperfect Urn, with a band of ornament suggesting the St. Andrew's cross on upper part of the vessel, 6 *in. diam.*; *found in the "Bishop's Cairn," near Glenwherry* (*Ill. Ulster Journ.*, 1895)

693 Two Parts of the Rim of a large "Food Vessel," with angular ribs in relief, the spaces between filled with lines of indented dots, and the base and part of the side of the same vessel decorated with hatched lines; *found at Thorny Valley* (*Ill. Ulster Jour.*, 1895, *pl.* I); two Parts of a smaller Vessel, decorated with a cross-shaped ornament on base, *found near Kells*; and Fragments of another Urn 4

694 A small Urn of "food vessel" type, with deeply indented shoulder and flat rim, the latter decorated with a band of indents, $2\frac{1}{2}$ *in. by* $3\frac{3}{4}$ *in.*; *found at Cumberclady, extremely rare*; *from the Buick collection* (*Ill. Jour. Soc. Ant. Ireland*, 1891, *p.* 437) [Pl. VI] 1

695 An Incense Cup, with angular sides, decorated with bands of chevrons and dots, and a cruciform ornament on the base, $1\frac{7}{8}$ *in. high*; *found in a "Dane's Fort," near Glenties* (*Ill. Abercromby's "Bronze Age Pottery," vol. II, p.* 34, *fig.* 343) [Pl. VI] 1

696 A bowl-shaped Urn, with incurved rim, the body decorated with bands of chevrons and vertical and horizontal lines (*restored*), $6\frac{1}{2}$ *in. by* $3\frac{1}{2}$ *in*; *found at Cumberclady* (*Jour. Soc. Ant. Ireland, p.* 436); *from the Buick collection* 1

697 An Urn of "food vessel" type, with two strong ridges on sides, well decorated with chevrons and indented lines on the body, $4\frac{1}{2}$ *in. by* $5\frac{3}{4}$ *in.*; *found at Esker Dromona when making a railway to Portrush* [Pl. VI] 1

698 An Urn of deep bowl form with narrow base, and strongly outcurved sides, the centre of the body has two pronounced ribs, well decorated with bands of short oblique and horizontal lines, at the side is a simple looped handle, a most unusual feature in these vessels, $4\frac{3}{4}$ *in. by* $6\frac{1}{2}$ *in. diam.* (*restored*); *found in a "Giant's Grave" and "Carnal" at Loughloughan* (*see Jour. R. S. Ant. Ireland, vol. XXXII, p.* 163) [Pl. VI] 1

699 A small Incense Cup, with rounded base and sharply sloping sides, decorated with bands of chevrons and oblique lines, 3 *in. diam.*; and a stone Spindle Whorl (*broken*), found inside the urn; *from Knockboy, near Ballymena* (a long MS. description is within the vase) 2

700 A small stone Cup, the sides decorated with bands of triangles filled with hatched lines, 2½ *in. diam*; *found at Glenarm*; *extremely rare* 1

701 Part of a stone Cup, decorated with bands of herring-bone ornament; an unfinished Example, decorated with incised lines; a tiny Lamp of open form; and an oblong pottery Object, decorated with incised lines; *found within an urn at Kilbraights* 4

BEADS AND PENDANTS FOUND IN IRELAND.

702 A collection of jet Objects, consisting of two Armlets, a cross-shaped pendant, two decorated Plaques from a Bronze Age necklace, *rare*; two Buttons, and nineteen other Beads and Whorls, all of early period, on card 26

703 A card containing twenty-five stone Beads and Whorls, also of early period 25

704 A very fine series of sixty variegated glass Beads of early types (*one from Cyprus included for comparison*), on card 60

705 A series of thirty blue "ringed" glass Beads, three of them ornamented, *probably of the Bronze Age, and found on the sites of "Crannogs" or island dwellings; a fine lot* 30

706 A very important group of highly decorated glass Beads, some ornamented with stout threads in relief; part of a decorated glass Armlet; and three Spindle Whorls; *Co. Antrim* 48

707 Part of a twisted gold Torque; a ribbed Ring of gold; a Piece of gold Ring Money; a gold Plaque, decorated with scrolls in "pearled" technique; two wire Objects linked together; *all found in Lisnacroghera Crannog*; and an extremely fine series of glass Beads, decorated with spirals, many of them with knobs or ribs in relief, *an important lot* [Pl. VIII] 34

*** For similar beads, see *Guide to Celtic Antiquities of the Christian Period, Dublin*, 1910, *pp.* 68-69.

708 Another collection of similar Beads, some beautifully decorated, *also a fine lot*, on card 27

709 A fine Necklace of thirty-three amber Beads, *found in the peat between Craigbilly and Connor*; and sixteen odd amber Beads, all probably of the Viking period, *very rare*, on card 49

710 A card containing a number of odd amber Beads and Pendants; *found in the north of Ireland*, also of the Viking period 42

711 A curious wooden Pendant with incised symbols; and eleven "dumb-bell" shaped Beads; *from the Buick collection*, on card 12

712 A card containing forty-nine "dumb-bell" Beads; *found in the Irish peat and on Crannogs* 49

713 A series of eighteen similar Beads; *found in Co. Antrim*; on card 18

714 An interesting series of whorl-shaped glass Beads, chiefly of amber colour; *found in the peat bogs and island sites*; on card 52

715 A cruciform stone Bead; and forty-one roughly shaped Beads and Pendants, on two cards 42

716 A string of thirty-nine glass Beads, chiefly of amber colour, but a few of them decorated with wavy lines in white 39

717 Three strings of glass Beads, many of them decorated, and chiefly of an early period 56

718 A string of sixty Beads and Pendants, many of them decorated, and chiefly of an early period 56

719 Three strings of varied stone and glass Beads and Whorls 67

720 Three fine jet Armlets; and fifteen Whorls and Rings of jet and stone, *some of them probably of Roman manufacture and perhaps relics of an early Viking raid* 18

721 A very important jet Armlet, the outer surface strongly ribbed, 5 *in. diam.*; *found at Knocklayd, Co. Antrim* 1

722 Eight vitreous paste Beads, with ribbed sides, of the Roman period, *rare*; four early faience quoit-shaped Beads, *also rare*; and seventeen stone Beads, of varied form; *all Co. Antrim*; on card 29

723 A string of old Irish "blackberry" Beads, in glass, of varied colours, on card 68

724 A series of stone Beads and Pendants, of various periods, on three cards 3

725 Twenty-one tiny stone Beads; *found on the sandhills at Portstewart, very rare* 21

OBJECTS, PRINCIPALLY OF THE CELTIC PERIOD.

726 Ring Head of a penannular brooch, of circular form, in bronze, with sunk panels at the expanded ends, and another in the centre of the ring; these panels are decorated with interlacing ornament, and in the centre of each is a depression, originally filled with paste or enamel now missing, $2\frac{3}{4}$ *in. diam.*; *found in Maghadee bog, near Kellswater, fine and very rare* [Pl. VII] 1

727 Penannular Brooch, in bronze, the body of the ring decorated with groups of grooved lines, towards each end of the ring is a boss suggesting the head of an animal, and beyond these are triangular cells filled with red enamel, with a section of decorated glass "cane" set in the centre of each cell, $5\frac{1}{4}$ *in. long* (*see Jour. R. I. A.*, 1901, *vol. VI, third series, no.* 3, *p.* 388) [Pl. VII] 1

728 A Ring Pin, the loop having terminations suggesting the reptilian head, $3\frac{1}{4}$ *in. long*; and an unusual penannular Brooch, with very broad expansion at the ends of the ring, the outline decorated with a line of dots, *also rare*; *found in a Crannog at Derryhullogh* (*see U. J. Arch., vol. X, p.* 53) [Pl. VII] 2

729 A penannular Brooch with large head, the expanding ends decorated with hatched lines and short ribs in relief, $4\frac{3}{8}$ *in. long*; and another, with the ends slightly incurved and tapering to a point, decorated with interlaced lines and circular cells, $3\frac{1}{2}$ *in. long, both fine and rare* [Pl. VII] 2

730 A very fine penannular Brooch, the expanding ends decorated with circular lines in relief and notched projections at the sides [Pl. VII] 1

730A A Ring Pin, with small head, decorated with incised lines; another, with spiral wire head; and another, similar 3

731 A fine bronze Pin, with discoidal head, ribbed at the sides; and four others, of varied types 5

732 A Ring Pin, of early type, with small circular head inlaid with yellow enamel, *rare*; another, with plain ring head; another, with dotted design at head of pin; and a curious example with small ring head 4

733 Two others, with solid ring heads; and two with thin spiral wire loops 4

734 A Pin, with flat square head, having a depressed gilt face, decorated with facets suggesting "chip carving" technique, *rare*; and three other Pins, *an interesting lot* 4

735 A grooved Ring from a pin; a Ring Pin, of plain type; a Pin and small Ring, *found together at Portstewart*; and four others 8

736 A curious bronze Pin, the upper part spirally twisted, and having a coiled turn near the top, 7½ *in. long, probably of the Early Iron age*; and three others, of a later period 4

737 A Ring Pin, with ribbed head and triangular projection at top; another, with hooked termination; another, with end in form of a horse head, with enamelled eyes; and two others, *a good lot* 5

738 A bronze Pin, *found at White Park Bay*; and five others, of simple form 6

739 A fine bronze Finger Ring, with oval depression on front, *found at Vagey, probably of the Early Iron period, rare*; three ribbed bronze Rings; and a Brooch Ring, with notched ornament 5

740 Part of a Horse Bit, in bronze, of curved form, and two Links of another, *found at Glenleslie, both probably of the Early Iron period*; two decorated Rings; two others, plain; and a small bronze Knife Blade of the Early Bronze age 8

741 A Celtic iron Bell, of quadrangular section, with broad loop; the clapper is still in position, and is heavy in proportion to the size of the bell, 7 *in. high*; there are small patches of the original bronze coating still on the outer surface; *from the ancient Church of Markstown, Cullybackey, extremely rare* [Pl. V] 1

742 "The Lissan Bell," an iron bell of small size, of similar section to the last item, the loop is depressed in the centre, 4 *in. high*; *from Lissan, Co. Tyrone* [Pl. V] 1

*** Part of a letter from Bishop Reeve, relating to this bell, is attached.

743 A bronze Fibula, harp-shaped, the catch-plate of triangular form, broadening towards the lower end, the plate decorated with three parallel rows of a curved scale pattern, the centre of the bow is ribbed, with a band of small knobs on either side of the rib, the "trumpet end" formed spring box is decorated with spirals, and attached to the spring is a circular loop for a chain, *an extremely fine and rare example of the Second Century* A.D. [Pl. VII] 1

744 A fine leather Shoe, of Celtic type, the heel and front decorated with raised bands, the upper part of the front is continued as a tongue-shaped extension, and this is perforated with three oval openings; and four others, of simple type, *all early examples and of interest* 5

745 A stone Cup in the form of an open bowl, with a globular projection at the side, 3 *in. diam., found near Newton Crommelin* (*see Uls. Jour.*, 1895); and a heavy stone Bowl, of simple form, $4\frac{1}{4}$ *in. diam., found near Craigmaddy* 2

746 A stone Cup of black material, of hemi-spherical form, the rim ornamented with incised chevrons, and with a small pierced handle at the side; *probably found near Connor* (*Ill. Uls. Jour. Arch.*, 1895, *vol. XV, p.* 4) 1

747 Two large bronze Rings, each with pendant rings attached to them; and twenty-five single Rings; *found* (*with others*) *arranged in a semi-circle in a fort at Secon Hill, near Ballymoney* 27

748 A large bronze Buckle; five bronze Finger Rings; two Harp Pegs of bronze; and four other Objects, on card 12

749 Two curious iron Chisels, with solid butts and side loop, *probably of the Early Iron period, very rare*; nineteen Rings, *of various periods*; and thirteen other Objects 34

750 A wooden Paddle; *found in a bog near Ballymena, very rare and interesting* 1

751 A bone Implement; a bronze Pin, with heart-shaped head; a Ring Brooch; a surgeon's silver Needle (17*th Century*); and a bronze Harp Peg 5

752 A Mould for casting an inscribed cross; another for a crucifix; nine Moulds for casting button-shaped objects; another Mould; and a curious Palette, with three depressions; *all found in Ireland and of an early period, an interesting lot* 13

MISCELLANEOUS OBJECTS OF A LATER PERIOD.

753 A large wooden Mether (*damaged*), *found in a bog near Ballymena*; and a small Cup, of similar form decorated with chevrons, *found at Slenish* (*Ill. Ulst. Jour. Arch., vol. XV, p.* 4) 2

754 Two wooden Pepper Grinders; a wooden Goblet; and a curious wooden Bowl, *from Kells, all of the* 18*th Century* 4

755 Two rush-light Holders; a bronze Mortar; a metal Vase; and three horn Cups 7

756 Two decorated horn Cups (*one Ill. Ulst. Jour. Arch., vol. XV, p.* 5), and seven curious funnel-shaped Vessels in wood and bone 11

757 Five "Socket Stones" used as gate hinges; a Mould for a brooch; a number of early Bullet Moulds; a 17th Century Dagger; and other miscellaneous Objects *a lot*

758 Three bone Objects; and fourteen various stone Implements, all used as rubbing instruments in weaving 17

IMPLEMENTS FOUND IN OTHER COUNTRIES.

759 Thirteen palæolithic Implements, *from Suffolk*; one, *from Wandsworth*; another, *from Stamford Hill*; and seven Others, *from various English localities* 22

760 An ovate flint Instrument, *very rare*; and seven Chert Implements, *found at Broome, Dorset, all of the palæolithic period, some very good* 8

761 A Mousterian Implement, *found at Wandsworth, rare*; four drift Implements, *from Northfleet*; nine others, *found in Suffolk*; and a good "twisted" Ovate, *from Bottisham, rare, a good lot* 15

762 Ten drift Implements; *found in France, some from Saint Acheul* 10

763 Nineteen Implements of late drift type; *chiefly found at Bois du Rocher, Côtes du Nord* 19

764 Two bone Implements; and a series of Scrapers of various types and other Implements, *from the French caves, an interesting lot* 56

765 Five chipped Axes, *found at Spiennes, Belgium*; a long Pressigny Flake; a polished Axe, *from Saxony*; four polished Axes, *from France*; and seven others, *also from France, all of the Neolithic period* 18

766 Twelve flint Axes, *from Cissbury*; seven others, *from Grimes graves*; a curious palæolithic Form, *found at Weeting*; eight varied Implements, *from Suffolk*; and six others, *from Eastbourne* 34

EGYPT.

767 A tortoise Core; eleven Implements; and five others, *all of the Palæolithic period* 17

768 A flint Pick, *found in a tomb at Medinet Habu*; three other Picks; and fourteen Implements, *from the Neolithic workshop floor at Wady-el-Sheikh* 18

769 A series of Scrapers and worked Flakes, *found near Helouan* 22

770 A series of pigmy Implements and Borers, *found at the same locality* 38

771 Twenty-eight Implements, with serrated edges; *some found at El Kab*, on two cards 28

772 Nine small Chisels; nine leaf-shaped Implements; and eight peculiar Flakes, *chipped at one side*, on three cards 26

773 A slate Palette in the form of a fish; three others of simpler form; and a finely chipped Chisel, *rare* 5

774 A series of Saw Blades, Lance Heads, small Axes, and other objects, *from the Fayoum* 25

775 A similar lot 25

776 A similar lot 25

777 A similar lot 25

778 A similar lot 25

779 A similar lot 25

780 Another lot, similar 25

781 A similar lot 25

782 Another lot, consisting of Axes, worked Flakes, Lance Heads, and other objects, *also from the Fayoum* 20

783 A similar series 20

784 A well-chipped Axe; two parts of flint Armlets; and twenty-two other Implements; *Fayoum* 25

785 Five leaf-shaped Lance Heads; thirty worked Flakes and broken Implements; a finely chipped Arrow Head; and six others; *Fayoum* 42

786 Thirteen fine Arrow Heads; and nine others of coarser workmanship, on two cards; *Fayoum* 22

787 A flint Dagger of Danish type, 4 *in. long, rare*; and sixteen Arrow Heads of unusual form, *some of fine quality*, on card; *Fayoum* 17

788 Twenty flint Arrow Heads, *some imperfect*; *Fayoum* 20

789 Another lot; *same locality* 20

790 A similar lot; *same locality* 20

791 Another lot; *same locality* 20

792 Another lot; *Fayoum* 20

793 Another lot; *Fayoum* 20

794 Three "fish tail" Lance Heads (*two broken*); a Knife with indented grip; and two other Knives, on card, *a good lot* 6

795 A finely chipped broad Knife, with ripple flaking (*broken*); and two Fragments of Knives 3

796 A curved Knife, with serrated edge (*broken*); and a Lance Head, also serrated 2

797 A series of quartzite Implements, of drift type; *found by Mr. Seton Kerr in Somaliland, some fine* 18

798 A similar lot, *some fine* 18

799 An interesting series of chert Implements, many of Moustiers type; *from the same source* 32

800 A similar series 32

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801 Twenty coarsely chipped Implements, of drift type; *found in Madras* 20

802 Six similar Implements; eight Flakes; a Pounder; a perforated Stone; and eight polished Celts; *all from India* 25

DENMARK.

803 Three flint Picks; four tranchet Axes; four Scrapers, and an Axe of ordinary form; *all from the "Kitchen Middens"*; and two others 13

804 A finely chipped Blade, of celt form, 9 *in. long* (*repaired*); a chipped Chisel, with ground edge, $7\frac{7}{8}$ *in. long*; part of a Dagger; and a small Lance Head 4

805 A flint Dagger, with wavy ridge on the grip (*repaired*); another, with fish-tail termination to handle; and three lunar Knives, *a good lot* 5

806 A chipped flint Adze and an Axe, of early type, *rare*; a small Pick, *from Wisby*; an Axe, of tranchet form; a polished Gouge; a polished Axe; a perforated Net Sinker; and seven Flakes 14

807 An unusually finely chipped Gouge, of brown flint, 8 *in. long*; and an Axe, of similar workmanship, 10½ *in. long* 2

808 A boat-shaped Axe Hammer; another, of usual type; two polished flint Axes; and a Whetstone, *of the Viking period* 5

SWISS LAKE DWELLINGS.

809 An Axe, of nephrite, showing saw marks at sides, *found at Font, near Estavayer*; seven stone Chisels; a Fragment of decorated pottery; and two other Objects 11

810 A finely chipped Knife, of *Pressigny* flint, *rare*; another, smaller; seven Arrow Heads; a horn Socket; and two bone Pins 12

811 A series of Scrapers, Knives, and other Implements; *from Estavayer and other sites* 33

812 A Nephrite (?) Axe, in horn socket, *from Font*; another, similar, *from Neuchatel*; a diorite Axe, in socket; and two small Chisels, also mounted in horn 5

813 A fine bronze Sickle, of early form; and a good tanged Knife, with curved blade; *both from Neuchatel* 2

814 A very fine bronze Pin, with globular head, having four circular openings at the sides; nine bronze Pins, with decorated heads; a Fish Hook; a coiled Ring; and two other Objects, *a very good lot* 14

815 Ten Spindle Whorls, in stone and pottery, of the bronze period; *from Estavayer* 10

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816 Four worked Flakes; nine unfinished Implements; and six plain Flakes; *all found in Egypt* 19

817 Twelve Flakes, with secondary chipping; and twenty-four plain Flakes; *Egypt* 36

818 A similar lot; *Egypt* 36

819 A series of fifty-one flint Arrow Heads, *found in Ohio and other American localities*, on five cards 51

820 Another series, including some unusually fine examples 40

821 A large grooved Axe, *Illinois*; and five others, *said to have been found at Saint Vincent* 6

822 An Adze, *from Easter Island*; two others, *Solomon Islands*; a Chisel, *Fiji*; and a long obsidian Flake, with trimmed edge, *Admiralty Islands* 5

823 A small Axe; a discoidal Stone, *Arkansas*; three Axes, *New Guinea*; a Chisel, *Pitcairn Island*; and two others 8

824 A very fine and unusually large Adze, and three others; *all from New Guinea* 4

825 Eight finely chipped glass Lance Heads, *from Australia*, on card 8

826 Three glass Lance Heads; three others of chert; and two other Implements, in original shafts; *Australia*, on card 8

827 Four Knives, mounted in gum handles; two Scabbards or Sheaths; a Spear Point; and nine Arrow Heads, in various materials; *W. Australia* 16

828 Two well decorated Boomerangs; four others; a Waddy or Club; three Spear Throwers; and two "Bull Roarers"; *Australia* 12

829 A number of roughly chipped Implements, *from Tasmania*, in various materials *a lot*

830 Two grooved Hammers; and four others, *Australia* 6

831 Ten well-chipped Spear Heads of chert; and four Flakes, some with gum mounting, *Australia* 14

832 Twelve chipped glass Lance Heads; *Australia* 12

833 AN UNUSUALLY LARGE AND FINE "CEREMONIAL AXE," of dark stone, with pointed butt, semi-circular cutting edge, and pointed oval section, 17 *in. by* 5½ *in.*; *from New Guinea* 1

834 Three hafted stone Weapons, *Australia*; a wooden Paddle; and a Shield and a slender Club, both decorated 6

835 Four good hafted Adzes; *New Guinea* 4

836 Two hafted shell Adzes, *Admiralty Islands*; a hafted Axe; and another, of jade (?), *both New Guinea* 4

837 Two hafted Adzes, *Fiji*; and a jade (?) Axe, in carved wooden handle, *Samoa* 3

838 A decorated Dancing Club, of canoe form, *New Hebrides*; a carved Adze Handle; and three others 5

839 A Club, made from a sawfish snout, *New Guinea*; two Shields, *Australia*; and another, of plaited cane 4

840 A Quiver of Arrows; four mounted stone Implements, *Australia*; two decorated lime Spoons, of large size, *New Guinea*; and a carved Club, *New Guinea* (?) 8

841 A stone Tomahawk, and another, with metal head, decorated, *both N. America*; two incurved Axes, *Saint Vincent*; a stone Axe, *Togoland*; and a stone Disc, from a digging-stick, *Cape Colony* 6

842 Three carved wooden Clubs, *Fiji*; and a well-carved Spear, with obsidian head 4

843 Five various stone-headed Clubs; *New Guinea* 5

844 A similar lot 5

845 A similar lot 5

846 Eighteen small stone Adzes, *some roughly chipped*; and thirty-three Fragments; *from various New Zealand localities* 51

847 A stone Adze, in elaborately carved wooden handle, *rare*; and another, in a plain handle, *from H.M.S. Challenger expedition*; *both from New Zealand* 2

848 Five "Moa Stones"; six shell Objects; a Scraper, *Nelson*; four small Adzes; and six Fragments; *all from New Zealand* 22

849 A stone Adze, with curious ridge on blade, 9 *in.*; and three small Adzes; *all New Zealand* 5

850 A finely-polished stone Mere, 12 *in. long*; and two well-finished Adzes; *New Zealand* 3

851 An unusually well-chipped Chisel, in basalt, 10½ *in. long, very fine*; and three polished Adzes; *all from New Zealand* 4

852 A fine jade Adze, 7½ *in. long, Auckland*; an Axe, with oblique edge (*found in the Thames*); and a roughly chipped Block, *from the Rakaia encampment*; *all from New Zealand* 3

853 A fine Chisel, in light green stone, 6½ *in. long*; two Adzes, in ordinary material, with highly polished surface; and a small Adze, of jade; *all from New Zealand* 4

854 A flat Blade, of jade, with saw cut on side; and four others, in similar material; *New Zealand* 5

855 An important Tiki, of jade, of unusually good workmanship, 4½ *in. long, New Zealand* 1

856 Another, in bone, 3 *in. long, rare, New Zealand* 1

857 Three fine Ear Pendants, of jade, *New Zealand* 3

858 Another, of curved form; an Example of rich green colour; and another, in darker material, 4 *in. long*; *New Zealand* 3

859 A number of Implements and Bones, *from the Torbryan Caves, Devonshire*; a chipped Axe, *from the Thames*; twelve fine flint Arrow Heads, *found in Egypt*; three various polished Axes; and seven others *a lot*

860 Four ribbed glass Balls, *from India*; a Fish Hook and two decorated Rods, *from West Australia*; six recently mounted Implements; and two others 15

861 Five Chinese Armlets; five Charms; and two Seals, some of jade, on card 12

862 A Chinese Armlet; six Ornaments; and four Rings, all of jade, on card 11

863 Thirteen pigmy Implements, *Yorkshire*; and twenty-four English flint Arrow Heads 37

864 Nine chert Knives; thirty Arrow Heads; and a Borer, *Japan* 40

865 Seven extremely tiny Arrow Heads, *found in Colombia River*; six flint Arrow Heads, and four coarser Implements, *Italy*; two Arrow Heads, *from Finisterre*; and seven Arab Amulets, in carnelian 26

866 Ten Implements, *from the Cape of Good Hope*; and sixty-five Pigmies and tiny Flakes, *from various Indian localities* 75

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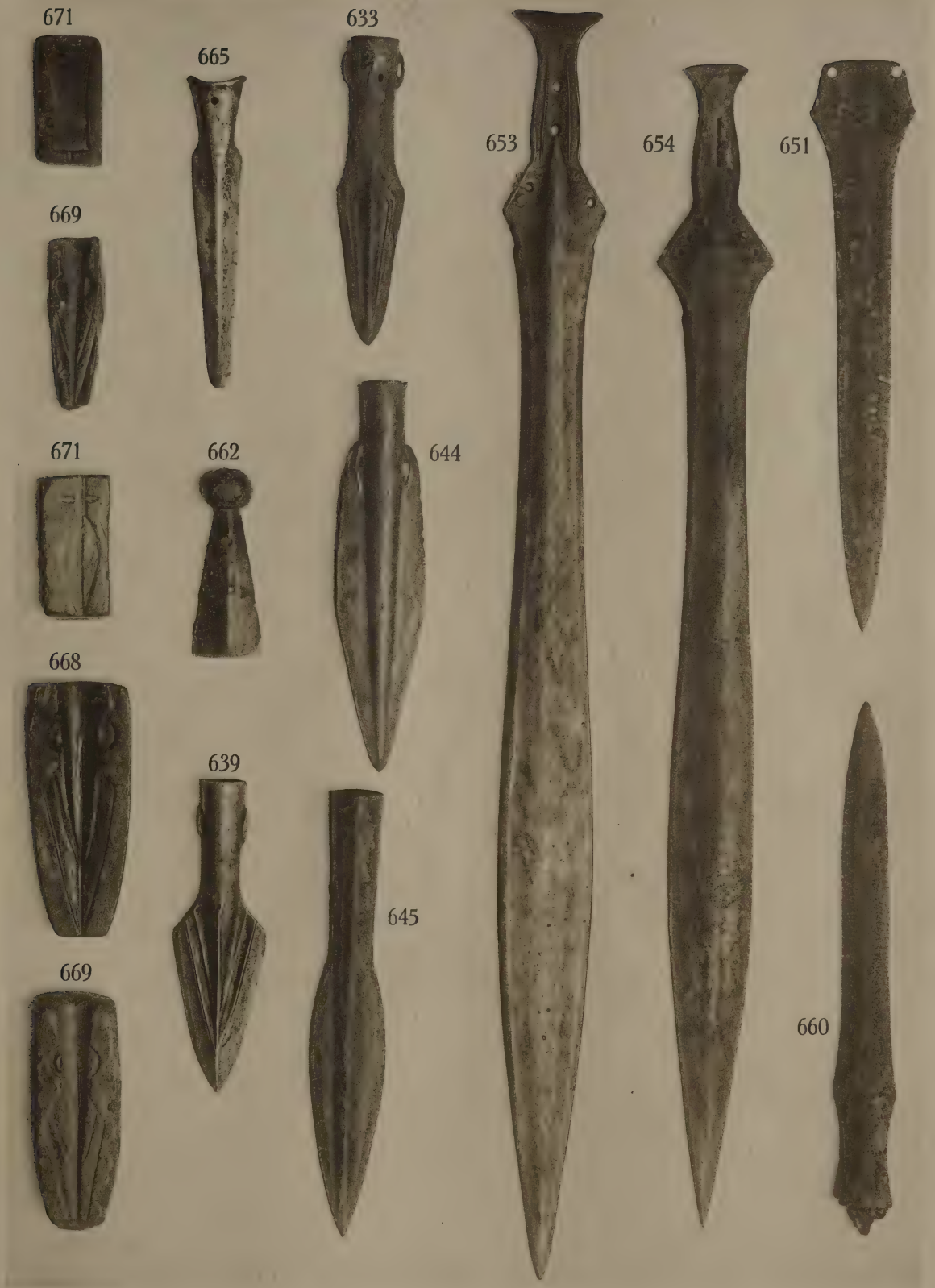
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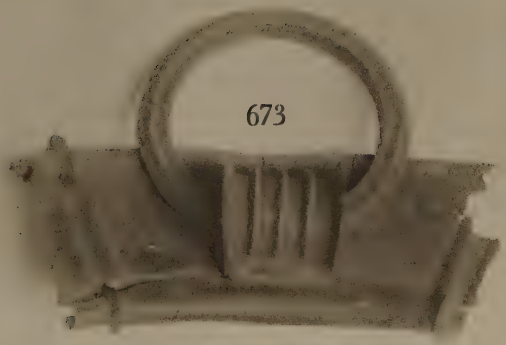

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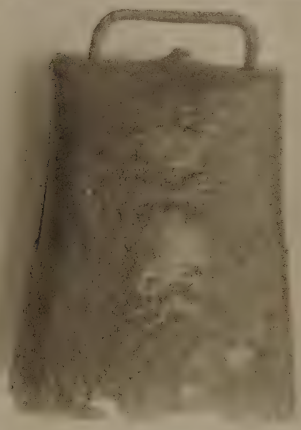

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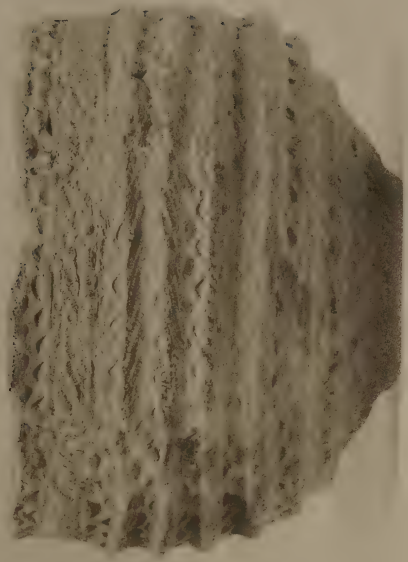

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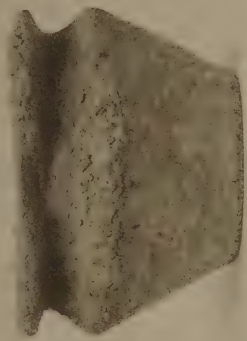

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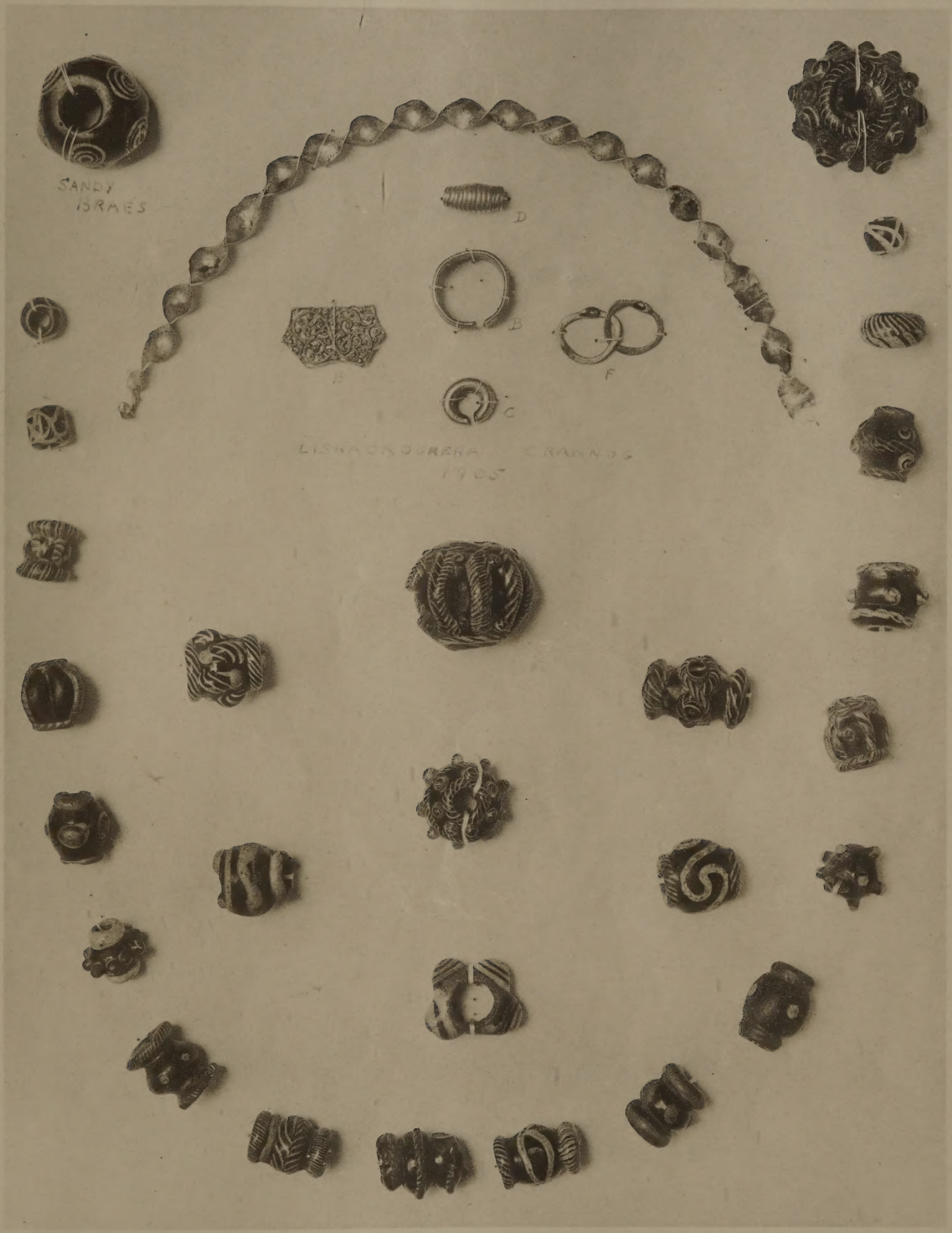
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